



U.S. Department  
of Transportation

**National Highway  
Traffic Safety  
Administration**

400 Seventh Street, S.W.  
Washington, D.C. 20590

Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

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AUTO SAFETY HOTLINE  
(800) 424-9393  
Wash. D.C. Area 366-0123

UMTRI - 96 - 8  
VERSION 05

UM-3723-98  
1998 Chevrolet Cavalier

# In-depth Vehicle Occupant Report

The University  
of Michigan  
Transportation  
Research Institute

UMIVOR-UMIVOR-UMIVOR



## **DISCLAIMERS**

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The crash investigation process is an inexact science which requires that physical evidence such as skid marks, vehicular damage measurements, and occupant contact points are coupled with the investigator's expert knowledge and experience of vehicle dynamics and occupant kinematics in order to determine the pre-crash, crash, and post-crash movements of involved vehicles and occupants.

Because each crash is a unique sequence of events, generalized conclusions cannot be made concerning the crashworthiness performance of the involved vehicle(s) or their safety systems.

## UM-3723-98

Case Vehicle (A): 1998 Chevrolet  
Type: Cavalier, 4-door sedan  
Driver: 45-year-old-male  
CDC: 12-FLEE-6

Vehicle (B): 1989 Ford  
Type: E-150 van  
Driver: 18-year-old-male  
CDC: 99-0000-0

### Situation

(Slide 1) Case vehicle (A) was traveling in the southbound lane of a straight section of a dry, asphalt, two-lane roadway, with a posted speed of 45 mph. Vehicle (B) was traveling in the northbound lane of the same roadway. (Slide 2) Case vehicle (A) drifted over the center line and crossed into the path of vehicle (B). The left-front corner of case vehicle (A) sideswiped the left side of vehicle (B).

Due to the narrowness of the vehicle overlap, no C-measurements were taken and no impact severity was calculated.

### Exterior Damage

(Slides 3, 4, 5, 6, 7) Damage to case vehicle (A) was moderate. Direct-damage length down the side of the vehicle was 148 cm and began at the left-front bumper corner. The front bumper and left headlight assembly were damaged. There was induced damage to the left-front edge of hood. The left fender, left-front wheel and left-front door were damaged. There was damage to the windshield from deployment of the passenger frontal-impact airbag cover door. The left-front door was restricted by the displaced left-front fender.

### Interior Damage

(Slides 8, 9, 10, 11, 12, 13, 14, 15) This vehicle was equipped with steering-wheel and passenger frontal-impact airbags, which deployed during the frontal impact. No damage was noted to the airbag skins or their module doors/flaps. (Slides 16) The steering-wheel rim and spokes were not damaged. No intrusions were noted. (Slides 17, 18, 19, 20) Damage to the interior of the vehicle was limited to that caused by the deploying airbags.

### Occupant Injuries and Kinematics

(Slide 21) The 45-year-old male driver, was wearing the available 3-point belt and the steering-wheel airbag deployed. On impact, the driver moved forward into the belt restraints and the deploying airbag. He sustained a small laceration to his inner right forearm, probably from contact by the airbag module door, or possibly with the deploying airbag fabric.

The 43-year-old female right-front passenger was wearing the available 3-point belt, although no scuff marks were noted on the D-ring. On impact, she moved forward into the belt restraints and the deploying airbag. She sustained an abrasion to her right neck from contact by the shoulder belt.

(Slides 22, 23) The attached tables summarize the injuries sustained by the driver and right-front passenger.

Occupant: Driver  
Restraints: 3-point restraint worn; airbag deployed

Age: 45 years  
Stature: 175 cm (5 ft 9 in )

Sex: Male  
Mass: 89 kg (195 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Small laceration to right inner forearm	1		Airbag module flap	Airbag
<u>Maximum A.I.S. Level</u>	1			
<u>Injury Severity Score</u>	1			

Occupant: Right front  
Restraints: 3-point restraint worn; airbag deployed

Age: 43 years  
Stature: 165 cm (5 ft 5 in )

Sex: Female  
Mass: 80 kg (175 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Abrasion to right neck	1	Shoulder belt		
<u>Maximum A.I.S. Level</u>	1			
<u>Injury Severity Score</u>	1			

TEAM CODE

ACCIDENT ID

VEHICLE NUMBER

MODULE

FORMAT

FORM VERSION

NO. OF CASE VEHICLES IN ACCIDENT

NUMBER OF SLIDES

TEAM REPORT NUMBER

SPECIAL STUDY

(00) None

(01) Offset Frontal

(98) Not Applicable

DATE OF FIELD INVESTIGATION:

INVESTIGATOR:

LOCATION WHERE VEHICLE WAS EVALUATED:

CIRCLE PHOTO RECORDS MADE:

SLIDES

NEGATIVES

POLAROID

REPORT PREPARED BY:



TIME		ENVIRONMENTAL CONDITIONS	
DATE OF COLLISION <u>[REDACTED]</u> / <u>98</u> m m d d y y		CONSTRUCTION ZONE	
HOUR OF COLLISION <u>1720</u> (24 HOUR CLOCK) 19 22		(0) NO (1) YES (9) UNKNOWN	
LOCATION		ROAD ALIGNMENT VERTICAL PLANE	
STATE: <u>MI</u>		(1) LEVEL < 2% (2) CREST OF HILL (3) SLOPE (2%) (4) BOTTOM OF HILL (9) UNKNOWN	
STATE FIPS CODE		ROAD ALIGNMENT HORIZONTAL PLANE	
<u>26</u> 23 24		(1) STRAIGHT (2) CURVE (3) T - SHAPED (4) Y - SHAPED (7) OTHER: (9) UNKNOWN	
AREA		SURFACE COVERING	
(1) URBAN (2) RURAL (9) UNKNOWN		(10) DRY  (21) WATER - DAMP (22) WATER - WET (23) WATER - PUDDLED (29) WATER - AMOUNT UNKNOWN  (31) SNOW - LOOSE (32) SNOW - PACKED (39) SNOW - CONDITION UNKNOWN  (41) ICE (51) SLUSH (61) SPILLED GRAVEL (71) OTHER: (99) UNKNOWN	
ENVIRONMENTAL CONDITIONS		VISIBILITY LIMITATION (FOR CASE VEHICLE)	
LIMITED-ACCESS HIGHWAY		(0) NONE (1) CLOUDY/DARK (2) FOG (3) SMOKE (4) WINDSHIELD CONDITION (5) GLARE (6) RAIN (7) OTHER: (8) ICE/SNOW (9) UNKNOWN	
(0) NO (1) YES (9) UNKNOWN		VISIBILITY OBSTRUCTION (FOR CASE VEHICLE)	
ROAD, TOTAL TRAFFIC LANES (FOR CASE VEHICLE)		(0) NONE (1) BUILDING (2) SIGN (3) VEGETATION (E.G. BUSHES, SHRUBS) (4) TREE (5) HILL OR CURVE IN ROAD (6) VEHICLE IN TRANSPORT (7) OTHER: (8) PARKED VEHICLE (9) UNKNOWN	
(1) 1-LANE (2) 2-LANES (3) 3-LANES (4) 4 OR MORE LANES (5) DIVIDED, 4 OR MORE LANES (6) PARKING LOT/DRIVEWAY (7) OTHER: (9) UNKNOWN			
INTERSECTING RD, TOTAL LANES CHOOSE FROM ABOVE LIST, OR			
(8) NOT APPLICABLE			
TYPE OF ROAD SURFACE			
(1) ASPHALT (2) CONCRETE (3) GRAVEL (4) MORE THAN ONE (CIRCLE EACH) (7) OTHER: (9) UNKNOWN			
ROAD DEFECTS			
(0) NO (1) YES (9) UNKNOWN			



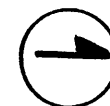
## GENERAL INFORMATION GI-3

GENERAL INFORMATION GI-3		
<b>CRASH DETAILS</b>		
<b>CASE VEHICLE AND OBJECT</b> (0) NO (1) YES (9) UNKNOWN	$\frac{\textcircled{0}}{45}$	<b>HIGHEST POLICE INJURY SEVERITY CODE IN CRASH (NOT JUST CASE VEHICLE)</b> (0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING INJURY (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO ACCIDENT (7) NON-FATAL INJURY SEVERITY UNKNOWN (9) UNKNOWN
<b>CASE VEHICLE ROLLOVER</b> (0) NO ROLLOVER (1) YES, FIRST EVENT (2) YES, SUBSEQUENT EVENT (3) YES, SEQUENCE UNKNOWN (9) UNKNOWN	$\frac{\textcircled{0}}{46}$	$\frac{\textcircled{0}}{53}$
<b>CASE VEHICLE RAN OFF ROADWAY (BEFORE FIRST IMPACT)</b> (0) NO (1) YES (9) UNKNOWN	$\frac{\textcircled{0}}{47}$	<b>DRIVER IMPAIRMENT</b> <b>DRIVER ALCOHOL INVOLVEMENT (CASE VEHICLE)</b> (0) NONE (1) YES (9) UNKNOWN/NOT REPORTED/NO DRIVER $\frac{\textcircled{0}}{54}$
<b>MOVING CASE VEHICLE AND CONTACTED MOVING VEHICLE</b> (0) NO (1) YES (9) UNKNOWN	$\frac{1}{48}$	<b>DRIVER ALCOHOL BAC (CASE VEHICLE)</b> (80) NO TEST (90) CHEMICAL TESTS, NO RESULTS (95) AUTOPSY, NO RESULTS (99) UNKNOWN $\frac{80}{55 \quad 56}$
<b>CASE VEHICLE AND CONTACTED STOPPED VEHICLE</b> (0) NO (1) YES (9) UNKNOWN	$\frac{\textcircled{0}}{49}$	<b>WAS THERE MENTION OF DRIVER IMPAIRMENT FOR CASE VEHICLE?</b> (0) NO (1) YES (9) UNKNOWN $\frac{\textcircled{0}}{57}$
<b>STOPPED CASE VEHICLE AND CONTACTED VEHICLE</b> (0) NO (1) YES (9) UNKNOWN	$\frac{\textcircled{0}}{50}$	<b>LIST IMPAIRMENTS MENTIONED:</b> _____ _____ _____
<b>TOTAL NUMBER OF VEHICLES CONTACTED BY CASE VEHICLE IN CRASH</b> (8) 8 OR MORE (9) UNKNOWN	$\frac{1}{51}$	<b>Post - CRASH Detail</b> <b>MANNER CASE VEHICLE LEFT SCENE</b> (1) DRIVEN (2) TOWED DUE TO DAMAGE (3) TOWED, NOT DUE TO DAMAGE (4) TOWED, REASON UNKNOWN (9) UNKNOWN $\frac{2}{58}$
<b>ANY FIRE IN THIS CRASH (NOT JUST CASE VEHICLE)</b> (0) NO (1) YES (9) UNKNOWN	$\frac{\textcircled{0}}{52}$	

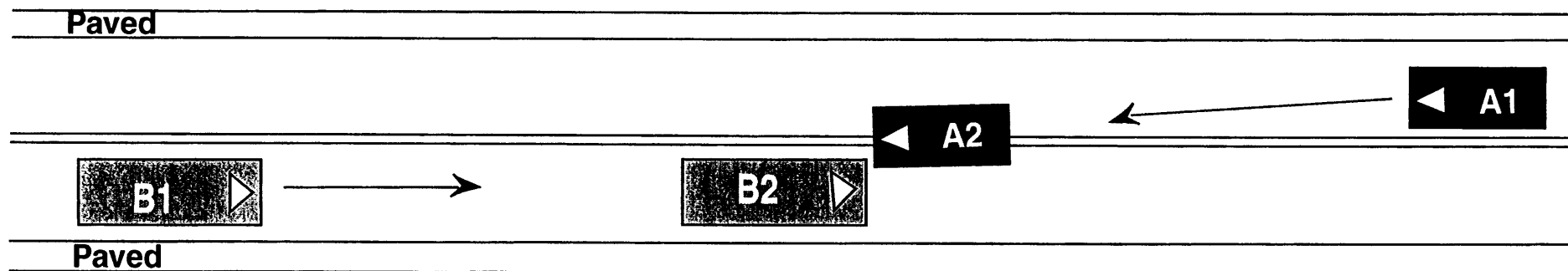
## ACCIDENT SCHEMATIC

ACCIDENT DESCRIPTION: Case vehicle (A) was traveling in the southbound lane of a straight section of roadway. Vehicle (B) was traveling northbound on the same roadway. Case vehicle (A) drifted over the center line and crossed into the path of vehicle (B). The left-front corner of case vehicle (A) sideswiped the left side of vehicle (B).

CASE VEHICLE (A): 1998 Chevrolet Cavalier Q  
OTHER VEHICLE (B): 1989 Ford b  
THIRD VEHICLE (C): N/A



NORTH



Posted 45 mph

Duplicate columns 1-8  
from the previous card.Module 0 V Format 0 1  
9 10 11 12

OTHER VEHICLE OV-1

MAKE: FordMODEL: E-150CARGO: UNKNOWN

VIN

13

29

MANUFAC/BODY CODE

12111  
30 34

MAKE/MODEL CODE

3102  
38

MODEL YEAR

1989

VEHICLE MASS (kg)

001760  
41 46IF SEPARATE REPORT WAS MADE,  
GIVE VEHICLE NUMBER0NUMBER OF OCCUPANTS  
(ENTER 9'S IF UNKNOWN)02  
49

TRAVELING SPEED (km/h)

999  
52

- (000) PARKED OR STOPPED  
 (995) JUST STARTING UP  
 (996) BACKING UP  
 (997) SPEED NOT EXCESSIVE (BUT UNKNOWN)  
 (998) SPEED EXCESSIVE (BUT UNKNOWN)  
 (999) UNKNOWN

HIGHEST POLICE INJURY SEVERITY  
CODE FOR THIS VEHICLE

- (0) O - NO INJURY  
 (1) C - POSSIBLE INJURY  
 (2) B - NON-INCAPACITATING INJURY  
 (3) A - INCAPACITATING INJURY  
 (4) K - FATAL  
 (5) INJURED, SEVERITY UNKNOWN  
 (6) DIED PRIOR TO ACCIDENT  
 (7) NON-FATAL INJURY  
     SEVERITY UNKNOWN  
 (8) UNOCCUPIED VEHICLE  
     (NOT APPLICABLE)  
 (9) UNKNOWN

0  
53

## VEHICLE TYPE

## PASSENGER VEHICLE

- (02) LARGE  
 (03) LIMOUSINE  
 (17) PICKUP CAR  
 (20) UNKNOWN PASSENGER VEHICLE BODY  
 (24) SUB-MINI  
 (25) MINI  
 (26) SUB-COMPACT  
 (27) COMPACT  
 (28) INTERMEDIATE  
 (29) FULL

## MULTIPURPOSE PASSENGER VEHICLE

- (14) SMALL UTILITY (WHEELBASE LESS THAN 107".  
     E.G. JEEP, BRONCO)  
 (15) LARGE UTILITY (WHEELBASE MORE THAN 107".  
     E.G. PANEL TRUCK, SUBURBAN)  
 (16) PICKUP TRUCK WITH CANOPY/SHELL COVER  
 (17) PICKUP CAR WITH CANOPY/SHELL COVER  
 (21) MOTOR HOME  
 (22) PICKUP TRUCK WITH SLIDE-IN CAMPER  
 (23) PICKUP CAR WITH SLIDE-IN CAMPER  
 (31) CHASSIS-MOUNTED CAMPER

## TRUCK

- (11) VAN  
 (12) PICKUP TRUCK  
 (13) UNKNOWN LIGHT TRUCK  
 (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)  
 (16) PICKUP TRUCK WITH CANOPY/SHELL COVER  
 (22) PICKUP TRUCK WITH SLIDE-IN CAMPER  
 (30) UNKNOWN TRUCK TYPE  
 (31) CHASSIS-MOUNTED CAMPER  
 (33) DELIVERY VAN (WALK-IN)  
 (34) STRAIGHT TRUCK  
 (35) TRUCK-TRACTOR (BOBTAIL)  
 (36) CHASSIS-CAB  
 (37) UNKNOWN HEAVY TRUCK  
 (38) TRACTOR & SEMI-TRAILER (SEMI)  
 (39) TRUCK (OR SEMI) & FULL TRAILER(S)

## BUS

- (40) UNKNOWN BUS TYPE  
 (41) SCHOOL BUS  
 (42) INTERCITY BUS (BETWEEN CITIES)  
 (43) TRANSIT BUS (INTRACITY)  
 (44) STREETCAR (ON TRACKS)

- (68) TRAIN (CARS)  
 (69) LOCOMOTIVE (ENGINE, SWITCHER)

(99) UNKNOWN

WHEELBASE (cm)  
(999) UNKNOWN11  
54 55315  
56 57 58

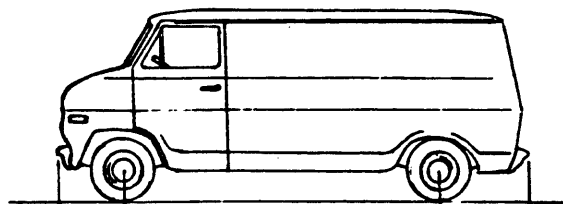
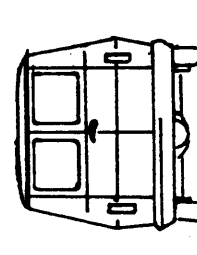
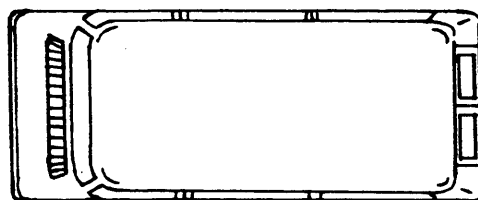
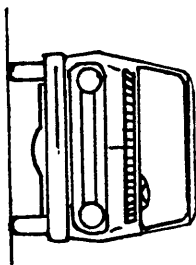
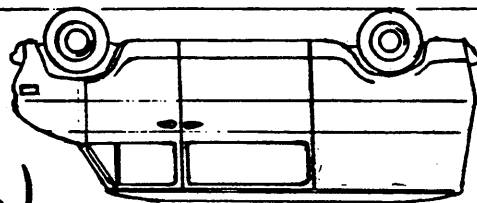
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from the previous card.Module 0 V Format 0 2  
9 10 11 12

OTHER VEHICLE OV-2

## ORIGINAL SPECIFICATIONS

Wheelbase	<u>315</u> cm	Front Overhang	<u>062</u> cm
Curb Weight	<u>1760</u> kg	Rear Overhang	<u>097</u> cm
Average Track Width	<u>174</u> cm	Undeformed End Width (UEW)	<u>999</u> cm
Overall Length	<u>474</u> cm	Engine Displacement	<u>5.8</u> L
Overall Width (OAW)	<u>203</u> cm	Engine: # of Cylinders	<u>08</u>

## VEHICLE DAMAGE

Not  
Inspected

## FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more  
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL)

999 cmFront-End Overlap (Percent) =  $\frac{DDL}{UEW}$ 99 %Vehicle Overlap (Percent) =  $\frac{DDL + 1/2 (OAW - UEW)}{OAW}$ 99 %



## VEHICLE DESCRIPTION VD-2

## TYPE OF BRAKES

- (1) DRUM, ALL WHEELS  
 (2) DISC, FRONT WHEELS  
 (3) DISC, ALL WHEELS  
 (9) UNKNOWN

1  
66

WHEELBASE (cm)  
 (999) Unknown

264  
74 75 76

## BRAKE ANTI-LOCK DEVICE

- (0) NONE INSTALLED  
 (1) TWO-WHEEL  
 (2) FOUR-WHEEL  
 (7) EQUIPPED, UNKNOWN WHEELS  
 (9) UNKNOWN

2  
67

PLASTIC ANTI-LACERATIVE  
 INNER LAYER GLASS EQUIPPED

- (0) NONE  
 (1) WINDSHIELD  
 (2) WINDSHIELD AND SIDE  
 (7) OTHER  
 (9) UNKNOWN

0  
77

## AIR CONDITIONING IN VEHICLE

- (0) NO  
 (1) YES  
 (8) NOT COLLECTED  
 (9) UNKNOWN

8  
68

## TYPE OF DRIVE

- (1) REAR WHEEL  
 (2) FRONT WHEEL  
 (3) FOUR WHEEL  
 (4) ALL WHEEL DRIVE  
 (9) UNKNOWN

2  
69

## FIELD INVESTIGATOR INSTRUCTIONS:

1. INDICATE CRUSHED AREAS BY OUT-LINING NEW PERIMETER OF VEHICLE AND SHADING THE DAMAGED AREAS ON THE LARGE SKETCH ON PAGE VD-3. USE AS MANY SKETCHES AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.
2. ENTER THE DIMENSIONS ON THE SKETCH(ES) MEASURED TO THE POINT OF MAXIMUM PENETRATION BY THE OBJECT(S) CONTACTED. USE THE EXAMPLES BELOW AS A GUIDE.
3. ENTER THE THREE DIMENSIONS TO THE CENTER OF THE WHEELS (WHEELBASE, FRONT AND REAR OVERHANGS) ON BOTH SIDES OF THE CAR.
4. ADD OTHER DIMENSIONS AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.

## EXAMPLES:

0  
70

## DUAL REAR WHEELS

- (0) NO  
 (1) YES  
 (9) UNKNOWN

## ORIGINAL TYPE OF RESTRAINT SYSTEM

- (1) ACTIVE BELT  
 (2) PASSIVE BELT  
 (3) AIRBAG  
 (4) KNEE BOLSTERS  
 (7) OTHER: \_\_\_\_\_  
 (8) NOT APPLICABLE (NOT EQUIPPED)  
 (9) UNKNOWN

3  
71

## EQUIPPED WITH ROLL BAR

- (0) NO  
 (1) YES  
 (9) UNKNOWN

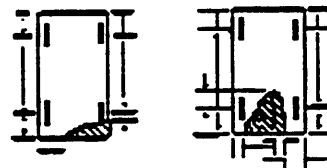
0  
72

## TYPE OF ROOF

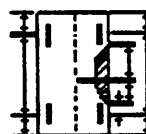
- (0) NONE  
 (1) SOLID  
 (2) T-TOP CLOSED  
 (3) T-TOP OPEN  
 (4) SUN ROOF CLOSED  
 (5) SUN ROOF OPEN  
 (6) CONVERTIBLE CLOSED  
 (7) CONVERTIBLE OPEN  
 (8) OTHER: \_\_\_\_\_  
 (9) UNKNOWN

1  
73

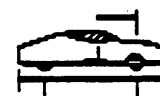
FRONT OR REAR



SIDE



ROOF (REFERENCE TO  
 TOP OF DOOR SILL  
 OR WINDOW SILL)





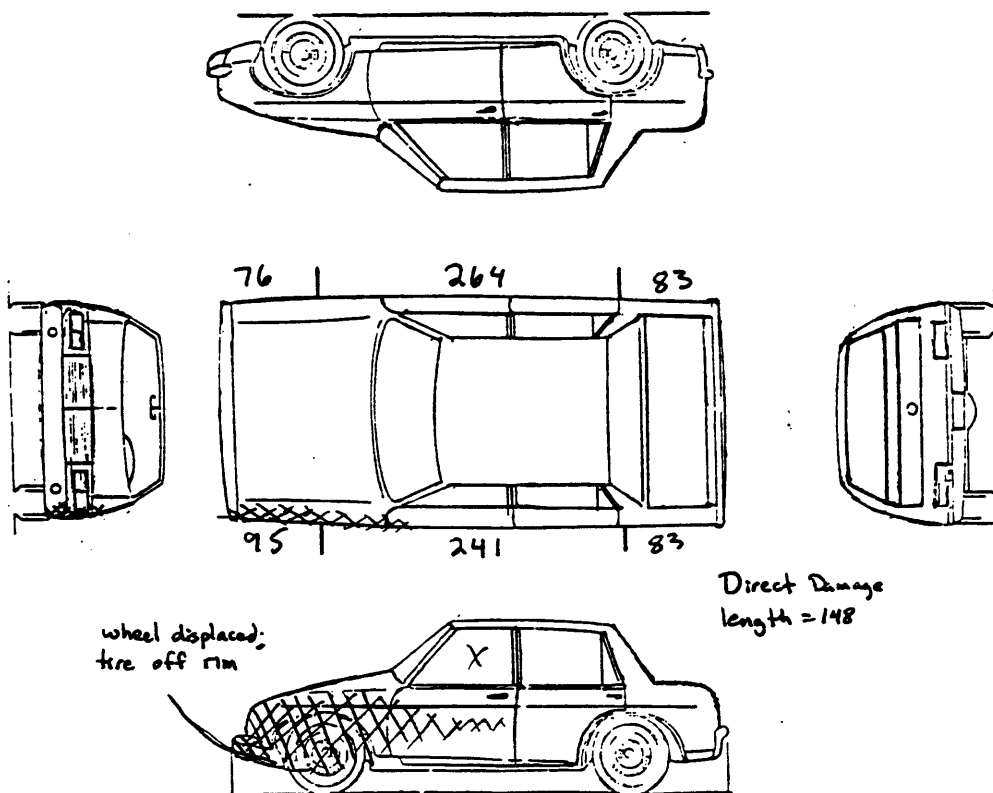
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from the previous card.Module V D Format 0 2  
9 10 11 12

## VEHICLE DESCRIPTION VD-3

## ORIGINAL SPECIFICATIONS

Wheelbase	<u>264</u> cm	Front Overhang	<u>098</u> cm
Curb Weight	<u>1238</u> kg	Rear Overhang	<u>096</u> cm
Average Track Width	<u>145</u> cm	Undeformed End Width (UEW)	<u>132</u> cm
Overall Length	<u>459</u> cm	Engine Displacement	<u>2.2</u> L
Overall Width (OAW)	<u>171</u> cm	Engine: # of Cylinders	<u>04</u>

## VEHICLE DAMAGE



## FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more  
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL)

999 cmFront-End Overlap (Percent) =  $\frac{DDL}{UEW}$ 99 %Vehicle Overlap (Percent) =  $\frac{DDL + 1/2 (OAW - UEW)}{OAW}$ 99 %

Duplicate columns 1-8 from the previous card.           Module <u>D</u> <u>A</u> Format <u>0</u> <u>2</u> 9     10         11  12		DAMAGE    DA-1		
<b>PRIMARY</b>  EVENT NUMBER  IMPACT SPEED (km/h)  ESTIMATED BY  CRUSH (cm)  CDC #1  CDC #2	CASE VEHICLE PRIMARY CDC	CONTACTED VEHICLE ASSOCIATED CDC		
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <u>1</u> 13 999 14 15 16 <u>1</u> 17 999 18 19 20 12 FLEE6 21 27 98 000000 28 34             </div> <div style="text-align: center;"> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <u>999</u> 35 36 37 <u>1</u> 38 999 39 40 41 99 000000 42 48 98 000000 49 55               </div> </div> </div> </div>			
	<b>SECONDARY</b>  EVENT NUMBER  IMPACT SPEED (km/h)  ESTIMATED BY  CRUSH (cm)  CDC #1  CDC #2	CASE VEHICLE SECONDARY CDC	CONTACTED VEHICLE ASSOCIATED CDC	
		<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <u>8</u> 13  14 15 16  17  18 19 20  21 27  28 34             </div> <div style="text-align: center;"> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  35 36 37  38  39 40 41  42 48  49 55               </div> </div> </div> </div>		
		<b>CODES</b>		
		<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">           EVENT NUMBER            (8) NOT APPLICABLE            (9) UNKNOWN             IMPACT SPEED            (998) NOT APPLICABLE            (999) UNKNOWN         </div> <div style="width: 30%;">           IMPACT SPEED ESTIMATOR            (1) INVESTIGATOR            (2) DRIVER            (3) POLICE            (4) "CRASH" PROGRAM            (5) OTHER COMPUTER PROGRAM                  SPECIFY: _____            (7) OTHER: _____            (8) NOT APPLICABLE            (NO VEHICLE/NO IMPACT)         </div> <div style="width: 30%;">           CRUSH            (998) NOT APPLICABLE                  (NO VEHICLE/DAMAGE)            (999) UNKNOWN             CDC            (9800000) NOT APPLICABLE            (9900000) UNKNOWN         </div> </div>		

Duplicate columns 1-8  
from the previous card.Module D A Format 0 1  
9 10 11 12

DAMAGE DA-2

## MAXIMUM SHEET METAL CRUSH

(cm) (999) UNKNOWN

FRONT 000  
13 15

REAR 000  
19 21

ROOF 000  
25 27

RIGHT SIDE 000  
16 18

LEFT SIDE 999  
22 24

OTHER 000  
28 30

CHRONOLOGICAL SEQUENCE  
OF DAMAGE/INJURY PRODUCING CRASH EVENTS  
FOR CASE VEHICLE

NOTE: IF CHRONOLOGICAL ORDER  
IS UNKNOWN, EVENT  
ORDER IS OPTIONAL

DO YOU KNOW THIS TABLE  
TO BE IN CHRONOLOGICAL ORDER? 1

31

(0) NO  
(1) YES

EVENT NUMBER	IMPACT LOCATION (1) ON ROADWAY (2) SHOULDER/MEDIAN/GORE (3) ON ROADSIDE (4) OUTSIDE ROADSIDE RIGHT-OF-WAY (5) OTHER (6) OFF ROADWAY, LOC. UNK. (9) UNKNOWN	IMPACT CONFIGURATION FOR CODES, SEE TABLE ON PAGE DA-3.	OBJECT/VEHICLE CONTACTED FOR CODES, SEE TABLE ON PAGE DA-4.
# 1	<u>1</u> 32	<u>26</u> 34	<u>11</u> 36
#2	<u>   </u> 37	<u>   </u> 39	<u>   </u> 41
#3	<u>   </u> 42	<u>   </u> 44	<u>   </u> 46
#4	<u>   </u> 47	<u>   </u> 49	<u>   </u> 51
#5	<u>   </u> 52	<u>   </u> 54	<u>   </u> 56
#6	<u>   </u> 57	<u>   </u> 59	<u>   </u> 61
#7	<u>   </u> 62	<u>   </u> 64	<u>   </u> 66

DAMAGE DA-3

CODES FOR  
IMPACT CONFIGURATIONFRONT OF CASE VEHICLE

- (11) AND FRONT OF CONTACTED VEHICLE
- (13) AND SIDE OF CONTACTED VEHICLE
- (14) AND REAR OF CONTACTED VEHICLE
- (16) ENDSWIPED BY CONTACTED VEHICLE
- (17) AND OBJECT
- (19) AND UNKNOWN OTHER VEHICLE CONFIGURATION

LEFT SIDE OF CASE VEHICLE

- (21) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (22) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (23) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (24) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (25) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (26) SIDESWIPED BY CONTACTED VEHICLE
- (27) AND OBJECT
- (29) AND UNKNOWN OTHER VEHICLE CONFIGURATION

REAR OF CASE VEHICLE

- (31) AND FRONT OF CONTACTED VEHICLE
- (33) AND SIDE OF CONTACTED VEHICLE
- (34) AND REAR OF CONTACTED VEHICLE
- (36) ENDSWIPED BY CONTACTED VEHICLE
- (37) AND OBJECT
- (39) AND UNKNOWN OTHER VEHICLE CONFIGURATION

RIGHT SIDE OF CASE VEHICLE

- (41) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (42) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (43) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (44) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (45) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (46) SIDESWIPED BY CONTACTED VEHICLE
- (47) AND OBJECT
- (49) AND UNKNOWN OTHER VEHICLE CONFIGURATION

## OTHER

- (57) VEHICLE TO OBJECT
- (58) VEHICLE TO VEHICLE
- (59) VEHICLE TO VEHICLE, CONFIGURATION UNKNOWN

## ROLLOVER

- (61) LESS THAN 360°
- (62) 360° OR MORE
- (69) DETAILS UNKNOWN

## UNKNOWN

- (99) IMPACT TYPE UNKNOWN

DAMAGE DA-4

## CODES FOR VEHICLE/OBJECT CONTACTED

## VEHICLE/OBJECT GROUPS

- (00) NO OBJECT
- (01) - (39) PASSENGER VEHICLE & TRUCK
- (40) - (69) OTHER VEHICLE
- (70) - (76) PEDESTRIAN & ON-ROADWAY OBJECT
- (77) - (97) OFF-ROADWAY OBJECT

- (98) OTHER (DESCRIBE)
- (99) UNKNOWN

## PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

SIZE	WHEELBASE
SUB-MINI	< 2286 mm (< 90")
MINI	2286 - 2412 mm (90" - 94.9")
SUB-COMPACT	2413 - 2539 mm (95" - 99.9")
COMPACT	2540 - 2666 mm (100" - 104.9")
INTERMEDIATE	2667 - 2793 mm (105" - 109.9")
FULL	2794 - 2920 mm (110" - 114.9")
LARGE	2921 - 3174 mm (115" - 124.9")
LIMOUSINE	> 3175 mm (> 125")

## MULTIPURPOSE PASSENGER VEHICLE

- (11) SMALL VAN (MINI)
- (12) PICKUP
- (14) SMALL UTILITY (WHEELBASE LESS THAN 107",  
E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107",  
E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

## TRUCK

- (11) SMALL VAN (E.G. ECONOLINE)
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

## BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)

## MOTORCYCLE

- (50) UNKNOWN MOTORCYCLE TYPE
- (51) 1 - 75 cc
- (52) 76 - 125 cc
- (53) 126 - 250 cc
- (54) 251 - 500 cc
- (55) 501 - 750 cc
- (56) 751 cc +
- (57) 3-WHEELS (OR WITH SIDECAR)

## SPECIAL PURPOSE VEHICLE

- (60) UNKNOWN/OTHER SPECIAL VEHICLE (DESCRIBE)
- (61) SNOWMOBILE
- (62) ATV (ALL TERRAIN VEHICLE)
- (63) AMPHIBIOUS VEHICLE
- (64) FARM VEHICLE
- (65) CONSTRUCTION VEHICLE
- (66) TRAILER, PRIVATE (CAMPER)
- (67) TRAILER, COMMERCIAL (CARGO)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)

## OBJECT

- (70) PEDESTRIAN
- (71) BICYCLIST, OTHER PEDALCYCLIST
- (72) PEDESTRIAN CONVEYANCE (E.G. PERSON RIDING  
ANIMAL, CART)
- (73) LARGE ANIMAL
- (74) FALLEN OBJECT (E.G. OBJECT DISLODGED FROM  
OTHER VEHICLE, FALLEN TREE, ROCKS)
- (75) ROCKS
- (76) CONSTRUCTION EQUIPMENT (EXCLUDING (65))
- (77) SIGN POST, UTILITY POLE, TREE..
- (78) DITCH
- (79) EMBANKMENT, SNOWBANK, RR TRACKS RR X
- (80) GROUND (ROLLOVER ONLY)
- (81) CURB (DAMAGE PRODUCING IMPACTS ONLY)
- (82) CULVERT
- (83) FENCE
- (84) HYDRANT, SHORT POST, STUMP
- (85) SMALL POST/TREE, RURAL MAIL BOX, MILE  
MARKER, DELINEATOR
- (86) BUILDING
- (87) PIER, PILLAR, BRIDGE SUPPORT
- (88) ABUTMENT, RETAINING WALL
- (89) BRIDGE RAIL
- (90) GUARD RAIL, LEADING SECTION
- (91) GUARD RAIL, MIDDLE OR UNKNOWN
- (92) GUARD RAIL, TRAILING SECTION
- (93) GUARD POST (TIMBER, METAL, CONCRETE)
- (94) CABLE, FENCE BARRIER
- (95) CONCRETE BARRIER (MEDIAN)
- (96) IMPACT ATTENUATOR
- (97) BREAKAWAY FEATURES

Duplicate columns 1-8  
from the previous card.Module C R Format 0 1  
9 10 11 12CRASH RECONSTRUCTION CR-1  
for  $\Delta V$ 

	CASE VEHICLE PRIMARY IMPACT			CASE VEHICLE SECONDARY IMPACT		
	CASE VEHICLE	CONTACTED VEHICLE		CASE VEHICLE	CONTACTED VEHICLE	
EVENT NUMBER	<u>1</u> 13			<u>      </u> 47		
$\Delta V$ (km/h) TOTAL	<u>999</u> 14 15 16	<u>999</u> 32 33 34		<u>      </u> 48 49 50	<u>      </u> 66 67 68	
LONGITUDINAL*	<u>9999</u> 17 20	<u>9999</u> 35 38		<u>      </u> 51 54	<u>      </u> 69 72	
LATERAL*	<u>9999</u> 21 24	<u>9999</u> 39 42		<u>      </u> 55 58	<u>      </u> 73 76	
*NOTE: THESE $\Delta V$ COMPONENTS MUST INCLUDE SIGN.						
EXAMPLES: 10 km/h = $\pm 010$ -7 km/h = $-007$						
ENERGY DISSIPATED BY CRUSH (kj)	<u>9999</u> 25 28	<u>9999</u> 43 46		<u>      </u> 59 62	<u>      </u> 77 80	
RECONSTRUCTION						
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	<u>08</u> 29 30			<u>      </u> 63 64		
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL						
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL						
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL						
NOT RECONSTRUCTED BECAUSE						
(02) INSUFFICIENT DATA						
(03) EXCESSIVE UNDERRIDE/ OVERRIDE						
(04) ROLLOVER						
(05) VAULTING						
(06) OTHER TRAVEL IN MORE THAN ONE PLANE						
(07) NON-HORIZONTAL FORCE						
(08) SIDESWIPE-TYPE DAMAGE						
(09) YIELDING OBJECT						
(10) OTHER: _____						
(11) AT LEAST ONE VEHICLE BEYOND SCOPE						
(12) OTHER VEHICLE NOT INSPECTED						
MODE						
(1) CDC ONLY	<u>2</u> 31			<u>      </u> 65		
(2) CDC & DETAILED DAMAGE						
(3) TRAJECTORY & CDC						
(4) TRAJECTORY & CDC & DETAILED DAMAGE						
(5) NOT RECONSTRUCTED						
COMPUTER PROGRAM SPECIFY: _____						

Duplicate columns 1-8 from the previous card.           Module <u>C</u> <u>R</u> Format <u>0</u> <u>2</u> 9      10          11  12		<b>CRASH RECONSTRUCTION CR-2</b> for EBS			
	CASE VEHICLE PRIMARY IMPACT		CASE VEHICLE SECONDARY IMPACT		
	CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE	
	EVENT NUMBER	<u>1</u> 13		<u>      </u> 47	
EBS (km/h) TOTAL	<u>999</u> 14 15 16	<u>999</u> 32 33 34	<u>      </u> 48 49 50	<u>      </u> 66 67 68	
LONGITUDINAL*	<u>9999</u> 17          20	<u>9999</u> 35          38	<u>      </u> 51          54	<u>      </u> 69          72	
LATERAL*	<u>9999</u> 21          24	<u>9999</u> 39          42	<u>      </u> 55          58	<u>      </u> 73          76	
*NOTE: THESE EBS COMPONENTS MUST INCLUDE SIGN.  EXAMPLES: 10 km/h = ± 0 1 0 -7 km/h = - 0 0 7					
ENERGY DISSIPATED BY CRUSH (kj)	<u>9999</u> 25          28	<u>9999</u> 43          46	<u>      </u> 59          62	<u>      </u> 77          80	
RECONSTRUCTION					
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	<u>08</u> 29 30		<u>      </u> 63 64		
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL					
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL					
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL					
NOT RECONSTRUCTED BECAUSE					
(02) INSUFFICIENT DATA					
(03) EXCESSIVE UNDERRIDE/OVERRIDE					
(04) ROLLOVER					
(05) VAULTING					
(06) OTHER TRAVEL IN MORE THAN ONE PLANE					
(07) NON-HORIZONTAL FORCE					
(08) SIDESWIPE-TYPE DAMAGE					
(09) YIELDING OBJECT					
(10) OTHER: _____					
(11) AT LEAST ONE VEHICLE BEYOND SCOPE					
(12) OTHER VEHICLE NOT INSPECTED					
MODE					
(1) CDC ONLY	<u>2</u> 31		<u>      </u> 65		
(2) CDC & DETAILED DAMAGE					
(3) TRAJECTORY & CDC					
(4) TRAJECTORY & CDC & DETAILED DAMAGE					
(5) NOT RECONSTRUCTED					
COMPUTER PROGRAM SPECIFY: _____					

Duplicate columns 1-8  
from the previous card.Module C R Format 0 3  
9 10 11 12

## CRASH RECONSTRUCTION CR-3

## NOTES:

1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.
2. MEASURE  $C_1$  TO  $C_6$  FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.
3.  $D$  IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.
4. USE THE CENTER OF THE WHEELBASE AS THE CG.

CASE VEHICLE

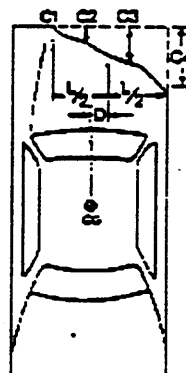
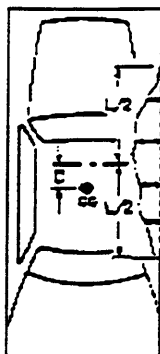
LOCATOR

Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L
1	Begin (2) front bumper corner	

## PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other \_\_\_\_\_
- (9) Unknown


DL 13  
UDL 119

## CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card).

Duplicate columns 1 - 12 for each completed line.

Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>5</sub>	C <sub>6</sub>	±D
		Length (DDL)	Max Crush								
1	Above	13									
	Sill										
1	4	013	999	999	999	999	999	999	999	999	+060
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
2											





Duplicate columns 1-8  
from the previous card.

Module W I Format 0 1  
9 10 11 12

## WHEELS AND TIRES

WT-1

## WHEELS--DAMAGED

- (0) NO  
(1) YES  
(9) UNKNOWN

LF

1  
13

RF

Q  
14

RR

Q  
15

LR

Q  
16

SIZE (NOT DOT CODE. IF UNKNOWN, USE 9'S)

LF

P19565R15  
25

RF

P19565R15  
35

RR

P19565R15  
45

LR

P19565R15  
55

## TIRE TREAD TYPE

- (1) REGULAR  
(2) SNOW  
(3) SLICKS  
(4) ALL WEATHER (MS)  
(7) OTHER: \_\_\_\_\_  
(9) UNKNOWN

LF

4  
17

RF

4  
18

RR

4  
19

LR

4  
20

## CARCASS CONSTRUCTION

- (1) BIAS  
(2) BELTED BIAS  
(3) RADIAL  
(4) ELLIPTICAL  
(5) HI PRESSURE SPARE  
(6) SPACE SAVER SPARE  
(7) OTHER: \_\_\_\_\_  
(9) UNKNOWN

LF

3  
21

RF

3  
22

RR

3  
23

LR

3  
24

IF VEHICLE IS EQUIPPED WITH DUAL  
WHEELS, COMPLETE FOR OUTER WHEELS  
AND MAKE NOTES ON INNER WHEELS.

NOTES: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Duplicate columns 1-8  
from the previous card.

Module F T Format 0 1  
9 10 11 12

# FUEL AND FUEL TANKS FT-1

## TYPE OF PROPULSIVE FUEL

- (1) GASOLINE
- (2) DIESEL OIL
- (3) LPG
- (4) ELECTRIC
- (7) OTHER: \_\_\_\_\_
- (9) UNKNOWN

1  
13

## AUXILIARY TANK TYPE

- (1) OEM TANK
- (2) AFTER MARKET TANK
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

8  
21

## MAIN TANK LOCATION

322  
14 16

## AUXILIARY TANK LOCATION

888  
22 24

## MAIN FILLER CAP LOCATION

133  
17 19

## AUXILIARY FILLER CAP LOCATION

888  
25 27

## MAIN TANK MATERIAL

1  
20

## AUXILIARY TANK MATERIAL

8  
28

## TANK AND FILLER CAP LOCATION CODES

### FIRST DIGIT (LONGITUDINAL)

- (1) BEHIND KICK-UP
- (2) IN KICK-UP
- (3) BETWEEN KICK-UP & COWL
- (4) FORWARD OF COWL
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

### SECOND DIGIT (LATERAL)

- (1) LEFT OF FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) RIGHT OF FRAME
- (4) DUAL, RIGHT & LEFT TANKS
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

### THIRD DIGIT (VERTICAL)

- (1) BELOW FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) ABOVE FRAME
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

## TANK MATERIAL CODES

- (1) STEEL
- (2) ALUMINUM
- (3) PLASTIC
- (7) OTHER
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

Duplicate columns 1-8  
from the previous card.

Module E 1 Format 0 1  
9 10 11 12

FUEL LEAKAGE FL-1

# DID FUEL LEAKAGE RESULT FROM A CRASH EVENT

(0) NO KNOWN LEAKAGE SKIP PAGE.

(1) YES COMPLETE PAGE.

①  
13

LEAK NUMBER	I LEAKING COMPONENT	II COMPONENT SOURCE	III TYPE OF DAMAGE	IV SEVERITY OF DAMAGE	V LOCATION OF LEAK	EVENT NUMBER
#1	<u>    </u> <u>    </u> 14 15	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u> <u>    </u>	<u>    </u> 21
#2	<u>    </u> <u>    </u> 22 23	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u> <u>    </u>	<u>    </u> 29
#3	<u>    </u> <u>    </u> 30 31	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u> <u>    </u>	<u>    </u> 37
#4	<u>    </u> <u>    </u> 38 39	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u> <u>    </u>	<u>    </u> 45
#5	<u>    </u> <u>    </u> 46 47	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u> <u>    </u>	<u>    </u> 53

## I LEAKING COMPONENT

### TANK AREA

- (11) MAIN FUEL TANK (INCLUDING VAPOR RECOVERY DOME)
- (12) AUXILIARY FUEL TANK
- (13) MAIN TANK FILLER TUBE
- (14) MAIN TANK CAP (GAS CAP)
- (15) AUXILIARY TANK FILLER TUBE
- (16) AUXILIARY TANK CAP (GAS CAP)
- (19) TANK AREA, DETAILS UNKNOWN

### DELIVERY SYSTEM

- (21) FUEL FEED LINE (MAIN TANK TO FUEL PUMP)
- (22) FUEL FEED LINE (AUXILIARY TANK TO FUEL PUMP)
- (23) FUEL RETURN LINE (FUEL PUMP TO TANK)
- (24) INLINE FUEL FILTER
- (25) FUEL LINE (PUMP TO CARBURETOR OR INJECTOR PUMP)
- (26) CARBURETOR TO INJECTOR PUMP
- (27) FUEL PUMP
- (29) DELIVERY SYSTEM, DETAILS UNKNOWN

### EVAPORATIVE EMISSION CONTROL SYSTEM

- (31) ATMOSPHERIC VENT PIPE (NON-EEC EQUIPPED)
- (32) EEC PIPE (VAPOR CANISTER TO CARBURETOR)

### EEC SYSTEM (CONTINUED)

- (33) VAPOR RECOVERY HOSES (CANISTER TO CARBURETOR)
- (34) LIQUID-VAPOR SEPARATOR (UNLESS PART OF TANK)
- (35) CANISTER
- (39) EEC SYSTEM, DETAILS UNKNOWN

- (49) ENGINE COMPARTMENT, COMPONENT UNKNOWN
- (99) COMPONENT UNKNOWN

## II COMPONENT SOURCE

- (1) OEM
- (2) AFTER MARKET
- (9) UNKNOWN

## III TYPE OF DAMAGE

- (1) DENTED/CRUSHED
- (2) PUNCTURED
- (3) RUPTURED
- (4) SEVERED/GROSS TEARS
- (5) DISCONNECTED/DEFEATED
- (9) UNKNOWN

## IV SEVERITY OF DAMAGE

- (1) MINOR
- (2) MODERATE
- (3) SEVERE
- (4) DISCONNECTED/DEFEATED
- (9) UNKNOWN

## V LOCATION OF LEAK

### FIRST DIGIT (LONGITUDINAL LOCATION)

- (1) F, FORWARD OF COWL
- (2) P, BETWEEN COWL & REAR BULKHEAD
- (3) B, BEHIND REAR BULKHEAD
- (4) Y, F, & P
- (5) Z, P, & B
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

### SECOND DIGIT (LATERAL LOCATION)

- (1) L, LEFT
- (2) C, CENTER
- (3) R, RIGHT
- (4) Y, LEFT CENTER (L & C)
- (5) Z, RIGHT CENTER (R & C)
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

Duplicate columns 1-8  
from the previous card.

Module F R Format 0 1  
9 10 11 12

FIRE FR-1

WAS THERE FIRE IN OR ON CASE VEHICLE?

(0) NO SKIP PAGE.

(1) YES COMPLETE PAGE.

0  
13

DID FIRE START IN CASE VEHICLE?

- (0) NO  
(1) YES  
(9) UNKNOWN

      
14

SEVERITY OF FIRE DAMAGE

- (1) MINOR  
(2) MODERATE  
(3) SEVERE  
(9) UNKNOWN

      
16

FLAME PROPOGATION RATE

- (1) RAPID/EXPLOSIVE  
(2) SLOW/MODERATE  
(9) UNKNOWN

      
15

DID AN INJURY TO CASE  
VEHICLE OCCUPANT RESULT FROM  
FIRE IN OR ON CASE VEHICLE?

- (0) NO  
(1) YES  
(9) UNKNOWN

      
17

PROVIDE NOTES IF FIRE OCCURRED.

Duplicate columns 1-8  
from the previous card.Module E D Format 0 1  
9 10 11 12

## EXTERIOR DAMAGE

ED-1

## HOOD PERFORMANCE

FOR THE FOLLOWING, USE CODES:

- (0) NO  
(1) YES  
(8) NOT APPLICABLE  
(9) UNKNOWN

HOOD LATCH(ES) -RELEASED

-DAMAGED

-JAMMED

HOOD HINGES- -LEFT, DAMAGED

-LEFT, SEPARATED  
(COMPLETE)

-RIGHT, DAMAGED

-RIGHT, SEPARATED  
(COMPLETE)

HOOD REMAINED ON VEHICLE

REAR EDGE OF HOOD- -ELEVATED

-CONTACTED WINDSHIELD

-PENETRATED WINDSHIELD

HOOD LATCH LOCATION

- (1) FRONT OF VEHICLE  
(2) COWL AREA  
(3) SIDE  
(8) NOT APPLICABLE  
(9) UNKNOWN

## STEERING COL FLEXIBLE COUPLING

FLEXIBLE COUPLING TYPE

- (0) NONE  
(1) FLEXIBLE MATERIAL  
(2) POT  
(3) SINGLE U-JOINT  
(4) DOUBLE U-JOINT  
(5) FLEXIBLE CABLE  
(6) COMBINATION OF ABOVE  
(CIRCLE EACH)  
(7) OTHER: \_\_\_\_\_  
(8) EQUIPPED, TYPE UNKNOWN  
(9) UNKNOWN, IF EQUIPPED

COUPLING- -DAMAGED

(USE CODES  
FROM HOOD  
PERFORMANCE)-SEPARATED  
(COMPLETE)

## ENG COMPART TELESCOPING UNIT

TYPE OF UNIT

- (00) NONE INSTALLED  
(01) - (07) SEE UNITS ON PAGE ED-2  
(88) NOT COLLECTED  
(97) OTHER: \_\_\_\_\_  
(98) EQUIPPED, TYPE UNKNOWN  
(99) UNKNOWN IF EQUIPPED

ORIGINAL LENGTH (mm)

F (OR H): \_\_\_\_\_

TELESCOPED LENGTH (mm)

G: \_\_\_\_\_

DIFFERENCE (mm)

F (OR H) - G

(IF LESS THAN 15mm, ENTER "000".)

- (888) NOT COLLECTED  
(991) NOT MEASURED/NO  
COMPRESSION  
(992) COMPRESSED, AMOUNT  
UNKNOWN  
(993) DEVICE EXTENDED  
(997) UNABLE TO BE MEASURED  
(998) NOT APPLICABLE (NOT  
EQUIPPED)  
(999) UNKNOWN

## ENGINE OR TRANSMISSION MOUNT

SEPARATION (COMPLETE)

- (0) NO  
(1) YES  
(9) UNKNOWN

## EXTERIOR DAMAGE

ED-2

## LEFT-SIDE BODY MOUNT

DID BODY MOUNT SEPARATE?

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

8  
 34

## LEFT PILLARS

PILLARS SEPARATED COMPLETELY -

USE CODES:

- (0) NO  
 (1) YES  
 (4) NO SEPARATION, BUT DAMAGED  
 (8) NOT APPLICABLE (NOT EQUIPPED)  
 (9) UNKNOWN

-A-PILLAR, UPPER

Ø  
 35

LOWER

Ø  
 36

-B-PILLAR, UPPER

Ø  
 37

LOWER

Ø  
 38

-C-PILLAR, UPPER

Ø  
 39

LOWER

Ø  
 40

-D-PILLAR, UPPER

8  
 41

LOWER

8  
 42

## LEFT DOORS

HOW DID DOORS  
OPEN DURING COLLISION?

USE CODES:

(0) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION  
 (2) DOOR-LATCH SEPARATION  
 (3) LATCH-STRIKER SEPARATION  
 (4) STRIKER-PILLAR SEPARATION  
 (5) BODY DISTORTION  
 (6) COMBINATION OF ABOVE  
 (CIRCLE EACH)  
 (7) OPENED, REASON UNKNOWN

- (8) NOT APPLICABLE (NO DOOR)  
 (9) UNKNOWN

-FRONT

Ø  
 43

-REAR

Ø  
 44

DOORS JAMMED CLOSED-

USE CODES:

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE (NO DOOR)  
 (9) UNKNOWN

\* Restricted  
 by fender

-FRONT

Ø  
 45

-REAR

Ø  
 46

## EXTERIOR DAMAGE

ED-3

## REAR DOOR

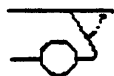
## REAR DOOR TYPE

- (0) NO DOOR (INCLUDES PICKUPS)  
 (1) HATCHBACK  
 (2) ONE-WAY TAILGATE  
 (3) TWO-WAY TAILGATE  
 (4) CLAMSHELL/DISAPPEARING TAILGATE  
 (5) SINGLE DOOR  
 (6) DOUBLE DOOR  
 (9) UNKNOWN

Hatchback



One-way



Two-way



or



Clamshell



Single door



Double door

HOW DID DOOR  
OPEN DURING COLLISION?

- (0) DOOR DID NOT OPEN

## OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION  
 (2) DOOR-LATCH SEPARATION  
 (3) LATCH-STRIKER SEPARATION  
 (4) STRIKER-PILLAR SEPARATION  
 (5) BODY DISTORTION  
 (6) COMBINATION OF ABOVE  
 (CIRCLE EACH)  
 (7) OPENED, REASON UNKNOWN  
 (8) NOT APPLICABLE (NO DOOR)  
 (9) UNKNOWN

## DOOR JAMMED CLOSED

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE (NO DOOR)  
 (9) UNKNOWN

①  
47

9  
48

8  
49

## OTHER REAR DAMAGE

WAS PARTITION TO LUGGAGE AREA  
DAMAGED DURING COLLISION?

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

①  
50

## SPARE TIRE

- (0) NO SPARE TIRE  
 (1) NOT ATTACHED BEFORE COLLISION  
 (2) ATTACHED, NOT SEPARATED IN COLLISION  
 (3) ATTACHED, SEPARATED DUE TO COLLISION  
 (8) NOT COLLECTED  
 (9) UNKNOWN

8  
51

## TRAILER HITCH TYPE

- (0) NO HITCH

## BALL-AND-SOCKET TYPES

- (1) TEMPORARY FRAMEWORK (E.G. RENTAL CLAMP-ON)  
 (2) BUMPER-MOUNT ONLY (E.G. LIGHT TRUCK)  
 (3) BUMPER-AND-FRAME (BUT NON-EQUALIZING)  
 (4) LOAD EQUALIZING

## OTHER TYPES

- (5) RING-AND-PINTLE  
 (6) FIFTH-WHEEL (INCL. P/U)  
 (7) OTHER (E.G. CLEVIS-AND-PIN)

- (8) EQUIPPED, TYPE UNKNOWN  
 (9) UNKNOWN IF EQUIPPED

①  
52

TRAILER TYPE  
(AT TIME OF COLLISION)

- (0) NO TRAILER  
 (1) TRAVEL-TRAILER/CAMPER  
 (2) MOBILE HOME  
 (3) BOAT/SNOWMOBILE/ATV TRAILER  
 (4) UTILITY TRAILER  
 (5) TOWED CAR  
 (7) OTHER: \_\_\_\_\_  
 (8) TRAILER, TYPE UNKNOWN  
 (9) UNKNOWN

①  
53



## EXTERIOR DAMAGE

ED-4

## RIGHT-SIDE BODY MOUNT

DID BODY MOUNT SEPARATE?

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

8  
 54

## RIGHT PILLARS

PILLARS SEPARATED COMPLETELY -

USE CODES:

- (0) NO  
 (1) YES  
 (4) NO SEPARATION, BUT DAMAGED  
 (8) NOT APPLICABLE (NOT EQUIPPED)  
 (9) UNKNOWN

-A-PILLAR, UPPER

0  
 55

LOWER

0  
 56

-B-PILLAR, UPPER

0  
 57

LOWER

0  
 58

-C-PILLAR, UPPER

0  
 59

LOWER

0  
 60

-D-PILLAR, UPPER

8  
 61

LOWER

8  
 62

## RIGHT DOORS

HOW DID DOORS  
OPEN DURING COLLISION?

USE CODES:

(00) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (01) HINGE AREA SEPARATION  
 (02) DOOR-LATCH SEPARATION  
 (03) LATCH-STRIKER SEPARATION  
 (04) STRIKER-PILLAR SEPARATION  
 (05) BODY DISTORTION  
 (06) COMBINATION OF ABOVE  
 (CIRCLE EACH)  
 (07) OPENED, REASON UNKNOWN  
 (11) VAN RIGHT-REAR DOOR OPENED  
 (ANY MECHANISM)

(98) NOT APPLICABLE (NO DOOR)

(99) UNKNOWN

-FRONT

0 0  
 63 64

-REAR

0 0  
 65 66

DOORS JAMMED CLOSED-

USE CODES:

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE (NO DOOR)  
 (9) UNKNOWN

-FRONT

0  
 67

-REAR

0  
 68

VAN REAR DOOR TYPE

- (0) VAN, NO REAR DOOR  
 (1) TRACK (SLIDING) - RIGHT SIDE  
 (2) SINGLE-HINGED - RIGHT SIDE  
 (3) DOUBLE-HINGED - RIGHT SIDE  
 (4) TRACK (SLIDING) - RIGHT & LEFT SIDE  
 (5) SINGLE-HINGED - RIGHT & LEFT SIDE  
 (6) DOUBLE-HINGED - RIGHT & LEFT SIDE  
 (7) TRACK AND HINGED COMBINATION  
 (8) NOT APPLICABLE (NOT A VAN)  
 (9) UNKNOWN

8  
 69

## EXTERIOR DAMAGE

ED-5

## WINDSHIELD DAMAGE

## WINDSHIELD CRACKED

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

WINDSHIELD BROKEN  
(PLASTIC INTERLAYER TORN)

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

CRACKED OR BROKEN  
BY OCCUPANT CONTACT

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

## EXTENT OF BOND SEPARATION

- (0) NONE  
 (1) 1 - 20%  
 (2) 21 - 40  
 (3) 41 - 60  
 (4) 61 - 80  
 (5) 81 - 99  
 (6) TOTAL  
 (7) SEPARATED, AMOUNT  
 UNKNOWN  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

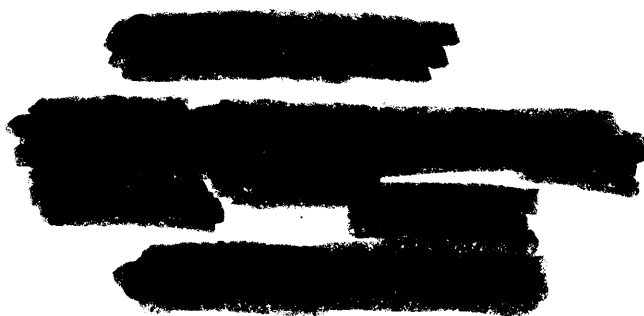
1  
 70

0  
 71

0  
 72

0  
 73

## WINDSHIELD MARK ON CASE VEHICLE:



## WINDSHIELD CODE

- (97) DESCRIBED BUT NOT CODED  
 (98) NOT APPLICABLE (NO WINDSHIELD)  
 (99) UNKNOWN

97  
 74 75

## ROOF

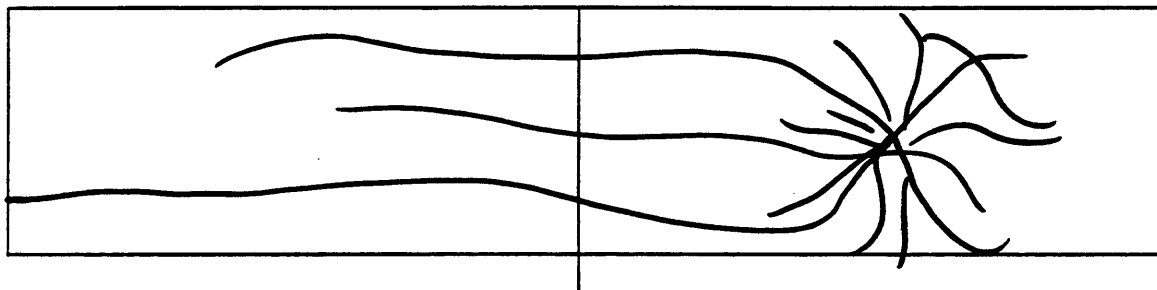
DID T-ROOF/SUN ROOF OPEN  
DURING COLLISION?

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (NOT A T-ROOF OR SUN ROOF)  
 (9) UNKNOWN

8  
 76

LOCATE AREA OF WINDSHIELD INTEREST OR DAMAGE WITH DIMENSIONS (VERTICAL & HORIZONTAL) ON THIS DIAGRAM OF THE WINDSHIELD AS VIEWED FROM INSIDE.

Airbag cover damage



78  
 L

80  
 C

78  
 R

Duplicate columns 1-8  
from the previous card.Module S C Format 0 1  
9 10 11 12

## STEERING WHEEL AND COLUMN SC-1

## STEERING WHEEL

## STEERING WHEEL RIM DAMAGE

- (0) NONE  
 (1) DEFORMED SLIGHTLY  
 (2) SEVERELY BENT  
 (3) BROKEN  
 (9) UNKNOWN

0  
13

NUMBER OF  
STEERING WHEEL SPOKES

- (9) UNKNOWN

2  
14

## STEERING WHL SPOKE DAMAGE

- (0) NONE  
 (1) DEFORMED SLIGHTLY  
 (2) SEVERELY BENT  
 (3) BROKEN  
 (9) UNKNOWN

0  
15

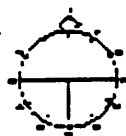
STEERING WHEEL POSITION  
AT TIME OF COLLISION

IN WHAT O'CLOCK POSITION WAS THE  
NORMAL TOP OF THE WHEEL POINTED  
WHEN THE COLLISION OCCURRED?

## EXAMPLES

O'CLOCK = 1 2

O'CLOCK = 0 2



(NORMAL STRAIGHT  
AHEAD)



O'CLOCK = 9 9

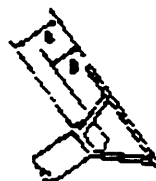
(99) UNKNOWN

STEERING WHEEL  
ENERGY ABSORBING DEVICE

## (1) EXAMPLES:



BARRACUDA, 70 - 74  
 CHALLENGER, 70 - 74  
 CAPRI, 71 - 77



## (2) EXAMPLES:

OMNI, 76 -  
 HORIZON, 76 -

## STEERING COLUMN OPTIONS

## TILT FEATURE

- (0) NOT EQUIPPED  
 (1) YES, EQUIPPED, UNK POSITION  
 (2) UP  
 (3) MIDDLE  
 (4) LOWER  
 (9) UNKNOWN IF EQUIPPED

3  
16

## SWING-AWAY FEATURE

- (0) NOT EQUIPPED  
 (1) YES, EQUIPPED  
 (9) UNKNOWN IF EQUIPPED

0  
17

## TELESCOPING FEATURE

- (0) NOT EQUIPPED  
 (1) YES, EQUIPPED  
 (9) UNKNOWN IF EQUIPPED

0  
18

## TYPE OF DEVICE

- (0) NONE  
 (1) CONVOLUTED OR MESH CYLINDER  
 (2) DEEP DISH STEERING WHEEL  
 (7) OTHER: \_\_\_\_\_  
 (8) NOT COLLECTED  
 (9) UNKNOWN IF EQUIPPED

8  
19

## ORIGINAL DIMENSION (mm)

A: \_\_\_\_\_

## DAMAGE DIMENSION (mm)

B: \_\_\_\_\_

## DIFFERENCE (mm)

A - B

- (888) NOT COLLECTED  
 (991) NOT MEASURED/NO APPARENT  
 COMPRESSION  
 (992) COMPRESSED, AMOUNT UNKNOWN  
 (993) DEVICE EXTENDED  
 (997) UNABLE TO MEASURE  
 (998) NOT APPLICABLE (NOT EQUIPPED)  
 (999) UNKNOWN

8 8 8  
20 22

## STEERING WHEEL AND COLUMN SC-2

# STEERING COLUMN

## ENERGY ABSORBING DEVICE

TYPE OF DEVICE \* (IF 27 OR 28)

- (00) NOT EQUIPPED  
 (88) NOT COLLECTED  
 (99) UNKNOWN

8	8
23	24

ORIGINAL LENGTH (mm)

C: \_\_\_\_\_

COMPRESSED LENGTH (mm)

D: \_\_\_\_\_

BRACKET DEFLECTION (IF CODE 36, 48,  
OR 49 ABOVE)

OR

COMPRESSION (OR EXTRUSION) (mm)

C - D (OR E) (TOLERANCE:  $\pm 10$ )

- (888) NOT COLLECTED  
 (991) NOT MEASURED/NO APPARENT  
 COMPRESSION  
 (992) COMPRESSED, AMOUNT UNKNOWN  
 (993) DEVICE EXTENDED  
 (997) UNABLE TO BE MEASURED  
 (998) NOT APPLICABLE (NOT EQUIPPED)  
 (999) UNKNOWN

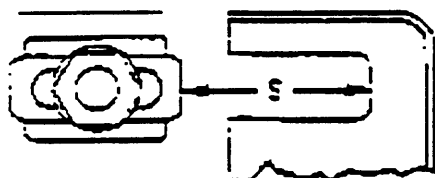
8	8	8
25	27	

\* (ADD A &amp; B FOR TOTAL COMPRESSION)

SHEAR CAPSULE SEPARATION (mm)

S (USE AVG. OF LEFT &amp; RIGHT CAPSULES.)

LT:



RT:

- (888) NOT COLLECTED  
 (991) NOT MEASURED/NO APPARENT  
 SEPARATION  
 (992) SEPARATED, AMOUNT UNKNOWN  
 (997) UNABLE TO BE MEASURED  
 (998) NOT APPLICABLE (NOT EQUIPPED)  
 (999) UNKNOWN

8	8	8
28	30	

COLUMN VERTICAL ROTATION

- (0) NO APPARENT ROTATION  
 (1) UPWARD APPARENT ROTATION  
 (2) DOWNWARD APPARENT ROTATION  
 (9) UNKNOWN

1
31

COLUMN LATERAL ROTATION

- (0) NO APPARENT ROTATION  
 (1) LEFT APPARENT ROTATION  
 (2) RIGHT APPARENT ROTATION  
 (9) UNKNOWN

1
32

## STEERING WHEEL (CONTINUED)

STEERING WHEEL HUB DAMAGE

- (0) NONE  
 (1) OCCUPANT CONTACT  
 (2) AIRBAG  
 (3) OTHER \_\_\_\_\_  
 (9) UNKNOWN

1
33

**INTRUSION IT-1**

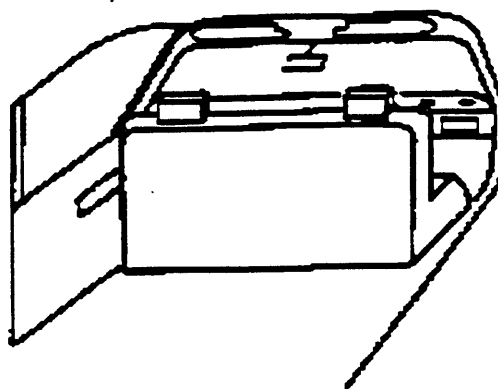
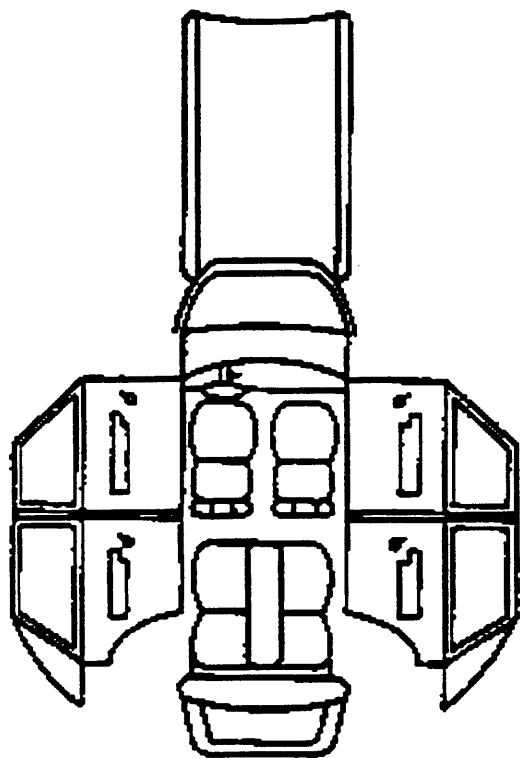
[illegible]

## OCCUPANT CONTACT WORKSHEET

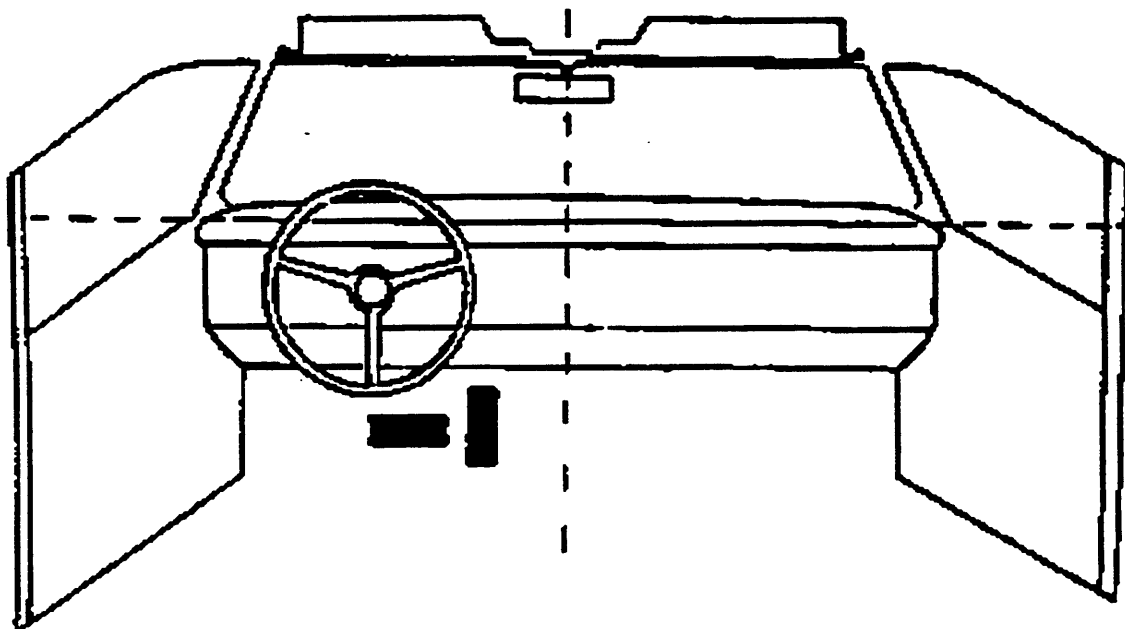
Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A					
B					
C					
D					
E					
F					
G					
H					
I					
J					

INTRUSION IT-2

## VEHICLE OCCUPANT CONTACT DIAGRAM



NONE  
Apparent



**INTRUSION IT-3****CODES FOR COLUMN B, OCCUPANT SPACE NUMBER**

OCCUPANT SPACE NUMBER IS A TWO-DIGIT CODE. THE USE OF THE CODE IS DETERMINED BY THE VEHICLE SEAT CONFIGURATION AT THE TIME OF THE ACCIDENT.

**FIRST DIGIT**

THE FIRST DIGIT (LEFT DIGIT) DENOTES THE SEAT ROW, WITH CODE VALUES FROM 1 TO 5.

**SECOND DIGIT**

THE SECOND DIGIT (RIGHT DIGIT) DENOTES THE POSITION ON THE SEAT AND, IN SOME INSTANCES, THE WIDTH OF THE SEAT.

- |                          |                 |                         |   |
|--------------------------|-----------------|-------------------------|---|
| (1) LEFT                 | (3) RIGHT       | .....                   | INDIVIDUAL SEAT                               |
| (1) LEFT                 | (2) CENTER      | (3) RIGHT               | ..... BENCH: FULL WIDTH 3 PASSENGER           |
| (1) LEFT                 | (2) LEFT CENTER | (6) RIGHT CENTER        | (3) RIGHT ..... BENCH: FULL WIDTH 4 PASSENGER |
| (1) LEFT                 | (2) CENTER      | (5) RIGHT & AISLE SPACE | ..... BENCH: PARTIAL WIDTH, LEFT              |
| (0) LEFT & SPACE         | (2) CENTER      | (5) RIGHT & SPACE       | ..... BENCH: PARTIAL WIDTH, CENTERED          |
| (4) ENTIRE VEHICLE WIDTH | .....           | CARGO AREA              |   |

**EXAMPLES**

THE TWO FIGURES BELOW PROVIDE EXAMPLES OF THE OCCUPANT SPACE NUMBER.

**PASSENGER CAR**  
5 PASSENGERS

X	X	11	13
X	X	X	21 22 23

**VAN**  
12 PASSENGER CAPACITY

X	X	11	13	
X	X	X	21 22 25	
X	X	X	31 32 35	
X	X	X	X	41 42 46 43

**CODES FOR COLUMN F, MEASUREMENT AXIS**

- (X) X-AXIS (FORE & AFT)  
(Y) Y-AXIS (LATERAL)  
(Z) Z-AXIS (VERTICAL)

**CODES FOR COLUMNS G, H, I & J, OCCUPANT & INJURY NUMBERS**

OCCUPANT NUMBER	INJURY NUMBER	CONTACT
(00)	(00)	NO CONTACT
(##)	(00)	CONTACT, NO INJURY
(97)	(99)	CONTACT, OCCUPANT UNKNOWN, INJURY UNKNOWN
(99)	(00) OR (99)	UNKNOWN IF CONTACT

## INTRUSION IT-4

## CODES FOR COLUMN C, INTRUDING COMPONENT OR OBJECT

NOTE: DO NOT CODE OBJECTS OTHER THAN COMPONENTS OF CASE VEHICLE.

## INDIVIDUAL COMPONENT

## INTERNAL

- (01) INSTRUMENT PANEL
- (02) FIRE WALL
- (03) TOE PAN
- (04) FLOOR PAN
- (05) STEERING COLUMN
- (06) WINDSHIELD
- (07) WINDSHIELD HEADER
- (08) A-PILLAR
- (09) DOOR PANEL OR SIDE PANEL
- (10) WINDOW FRAME
- (11) B-PILLAR
- (12) C-PILLAR
- (13) D-PILLAR
- (14) ROOF SIDE RAILS
- (15) ROOF OR CONVERTIBLE TOP
- (16) BACKLIGHT HEADER
- (17) FRONT SEAT-BACK SURFACE/  
SEAT-BACK BACK SURFACE
- (18) SECOND SEAT-BACK SURFACE  
SEAT-BACK BACK SURFACE
- (19) THIRD SEAT-BACK SURFACE  
SEAT-BACK BACK SURFACE
- (20) FOURTH SEAT-BACK SURFACE  
SEAT-BACK BACK SURFACE
- (21) FIFTH SEAT-BACK SURFACE  
SEAT-BACK BACK SURFACE
- (22) BACK PANEL/BACK DOOR SURFACE
- (23) SEAT CUSHION SURFACE/EDGE
- (24) CONSOLE
- (25) OTHER (DESCRIBE)
- (26) UNKNOWN INTERNAL SURFACES
- (28) TRANSMISSION TUNNEL (HUMP)
- (29) SIDE FOOTWELL PANEL (KICKPANEL)
- (30) SILL

## EXTERNAL

- (43) HOOD
- (44) OBJECT EXTERNAL TO PASSENGER  
COMPARTMENT BUT PART  
OF CASE VEHICLE
- (45) OUTSIDE SURFACE OF CASE VEHICLE
- (46) OTHER (E.G. SPARE TIRE,  
JACK. DESCRIBE.)
- (49) UNKNOWN EXTERNAL OBJECT

## GROUPED FOR MASSIVE INTRUSION INTO AN OCCUPANT SPACE

USE ONLY IF ALL THESE COMPONENTS  
INTRUDED INTO A SINGLE OCCUPANT SPACE.

- |                        |                         |
|------------------------|-------------------------|
| (50) WINDSHIELD HEADER | (60) ROOF               |
| A-PILLAR               | ROOF RAIL               |
| ROOF SIDE RAIL         | A-PILLAR                |
|                        | B-PILLAR                |
| (51) INSTRUMENT PANEL  | C-PILLAR                |
| A-PILLAR               | WINDOW FRAME            |
| DOOR PANEL             | DOOR PANEL              |
|                        | FLOOR PAN               |
| (52) INSTRUMENT PANEL  | (61) INSTRUMENT PANEL   |
| A-PILLAR               | TOE PAN                 |
| WINDSHIELD HEADER      | WINDSHIELD HEADER       |
|                        | A-PILLAR                |
| (53) DOOR PANEL        | ROOF RAIL               |
| B-PILLAR               | WINDOW FRAME            |
| ROOF RAIL              | DOOR PANEL              |
|                        | ROOF                    |
| (54) DOOR PANEL        | (62) ROOF               |
| A-PILLAR               | ROOF RAIL               |
| ROOF RAIL              | C-PILLAR                |
|                        | WINDOW FRAME            |
| (55) INSTRUMENT PANEL  | FLOOR PAN               |
| FLOOR PAN              | SECOND SEAT             |
| A-PILLAR               | DOOR PANEL              |
| DOOR FRAME             |                         |
| (56) ROOF RAIL         | (63) ROOF RAIL          |
| A-PILLAR               | ROOF                    |
| B-PILLAR               | B-PILLAR                |
| WINDOW FRAME           | WINDOW FRAME            |
|                        | FLOOR PAN               |
| (57) ROOF RAIL         | DOOR PANEL              |
| A-PILLAR               | SECOND SEAT             |
| B-PILLAR               | FRONT SEAT              |
| C-PILLAR               |                         |
| DOOR PANEL             | (64) ROOF RAIL          |
|                        | ROOF OR CONVERTIBLE TOP |
| (58) ROOF              | A-PILLAR                |
| ROOF RAIL              | B-PILLAR                |
| WINDOW FRAME           | WINDOW FRAME            |
| DOOR PANEL             | WINDOW HEADER           |
| (59) BACKLIGHT HEADER  | (65) WINDSHIELD         |
| ROOF                   | WINDSHIELD HEADER       |
| C-PILLAR               | ROOF SIDE RAIL          |
| THIRD SEAT-BACK        |                         |
|                        | (66) WINDSHIELD         |
|                        | WINDSHIELD HEADER       |
|                        | A-PILLAR                |
|                        | (98) NOT APPLICABLE     |
|                        | (99) UNKNOWN            |



Duplicate columns 1-8  
from the previous card.

Module 1 1 Format 0 1  
9 10 11 12

INTRUSION IT-5

WAS THERE OCCUPANT COMPARTMENT INTRUSION? 0  
13

- (0) NO DO NOT ANSWER NEXT QUESTION. SKIP PAGE.  
(1) YES ANSWER NEXT QUESTION.  
(9) UNKNOWN SKIP PAGE.

WAS INTRUSION CATASTROPHIC? 14

- (0) NO COMPLETE PAGE.  
(1) YES SKIP PAGE.

Duplicate columns 1-8  
from the previous card.

Module 1 1 Format 0 2  
9 10 11 12

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

**INTRUSIONS** CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.  
CODES FOR B, F, G, H, I, J ON PAGE IT-3  
CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

A	B	C	D	E	F	G	H	I	J	K
INTRUSION NUMBER	OCC. SPACE NO.	INTRUDING COMPONENT OR OBJECT	ASSOC. EVENT NO.	MAXIMUM INTRUSION X AXIS (cm)	MAXIMUM INTRUSION Y AXIS (cm)	MAXIMUM INTRUSION Z AXIS (cm)	OCCUPANT NUMBER	INJURY NUMBER	OCCUPANT NUMBER	INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
<u>0 1</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>0 2</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>0 3</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>0 4</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>0 5</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>0 6</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>0 7</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —

NOTE: USE ADDITIONAL PAGE IF MORE THAN 7 INTRUSIONS.

Duplicate columns 1-8  
from the previous card.

Module 1 1 Format 0 3  
9 10 11 12

NOTE: IF NO SIDE DOOR INTRUSION,  
SKIP REMAINDER OF PAGE.

**SIDE DOOR INTRUSION  
RESULTED FROM**

INTRUSION NUMBER	CAUSE	CODES FOR CAUSE:
13	15	(1) DIRECT IMPACT
16	18	(2) INDUCED DAMAGE
19	21	(9) UNKNOWN

**IF DAMAGE TO DOOR COMPONENT RESULTED IN INCREASED  
DOOR INTRUSION, CODE COMPONENT**

INTRUSION NUMBER	DAMAGED COMPONENT 1	DAMAGED COMPONENT 2	CODES FOR COMPONENTS
A <u>22 23</u>	—	<u>25</u>	(0) NONE
B <u>26 27</u>	—	<u>29</u>	(1) A-PILLAR
C <u>30 31</u>	—	<u>33</u>	(2) B-PILLAR
D <u>34 35</u>	—	<u>37</u>	(3) C-PILLAR
			(4) LATCH/STRIKER
			(5) HINGES
			(7) OTHER: —
			(8) NOT APPLICABLE
			(9) UNKNOWN

Duplicate columns 1-8  
from the previous card.

Module 1 1 Format 0 2  
9 10 11 12

INTRUSION IT-6

NOTE: Each line in the table below is a separate record (card).  
Duplicate columns 1 - 12 for each completed line.

- ADDITIONAL PAGE -

INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.  
CODES FOR B, F, G, H, I, J ON PAGE IT-3  
CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

A	B	C	D	E	F	G	H	I	J	K
INTRUSION NUMBER	OCC. SPACE NO.	INTRUDING COMPONENT OR OBJECT	ASSOC. EVENT NO.	MAXIMUM INTRUSION X AXIS (cm)	MAXIMUM INTRUSION Y AXIS (cm)	MAXIMUM INTRUSION Z AXIS (cm)	OCCUPANT NUMBER	INJURY NUMBER	OCCUPANT NUMBER	INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
0 8	---	---	---	---	---	---	---	---	---	---
0 9	---	---	---	---	---	---	---	---	---	---
1 0	---	---	---	---	---	---	---	---	---	---
1 1	---	---	---	---	---	---	---	---	---	---
1 2	---	---	---	---	---	---	---	---	---	---
1 3	---	---	---	---	---	---	---	---	---	---
1 4	---	---	---	---	---	---	---	---	---	---
1 5	---	---	---	---	---	---	---	---	---	---
1 6	---	---	---	---	---	---	---	---	---	---
1 7	---	---	---	---	---	---	---	---	---	---
1 8	---	---	---	---	---	---	---	---	---	---
1 9	---	---	---	---	---	---	---	---	---	---
2 0	---	---	---	---	---	---	---	---	---	---
2 1	---	---	---	---	---	---	---	---	---	---
2 2	---	---	---	---	---	---	---	---	---	---
2 3	---	---	---	---	---	---	---	---	---	---
2 4	---	---	---	---	---	---	---	---	---	---
2 5	---	---	---	---	---	---	---	---	---	---

Duplicate columns 1-8  
from the previous card.Module 1 D Format 0 1  
9 10 11 12

## INTERIOR DAMAGE

ID-1

## CODES:

- (0) NO  
(1) YES  
(3) NO, and OCCUPANT CONTACT

- (4) YES, and OCCUPANT CONTACT  
(8) NOT APPLICABLE  
(9) UNKNOWN

	LEFT	RIGHT			
<b>SIDES</b>			<b>FRONT</b>		<b>INSTRUMENT PANEL</b>
FRONT DOOR	13	14	FOOT CONTROLS	45	UPPER PANEL
FRONT HARDWARE	15	16	IGNITION KEYS	46	MID PANEL
FRONT ARMREST	17	18	REAR VIEW MIRROR	47	LOWER PANEL
FRONT GLASS	19	20	SUNVISOR/FITTINGS	48	ASHTRAY
REAR DOOR AREA	21	22	(5) LEFT SIDE ONLY (6) RIGHT SIDE ONLY (7) BOTH SIDES		CONTROL KNOBS & LEVERS
REAR HARDWARE	23	24	WINDSHIELD TOP MOLDINGS	49	GLOVE COMPARTMENT AREA
REAR ARMREST	25	26	LEFT A-PILLAR (UPPER OR LOWER)	50	INSTRUMENTS
REAR GLASS	27	28	RIGHT A-PILLAR (UPPER OR LOWER)	51	PARKING BRAKE RELEASE
ROOF SIDE RAIL	29	30	CENTER CONSOLE	52	PARKING BRAKE PEDAL
B-PILLAR	31	32	TRANSMISSION SELECTOR LEVER	53	A/C OR UPPER VENT OUTLETS
C-PILLAR	33	34	RIM, HORN, SPOKE	54	HEATER OR A/C DUCTS
D-PILLAR	35	36			RADIO
HEADLINING	37	38			OTHER: * _____
ROOF STRUCTURE	39	40			_____
T-ROOF/SUN ROOF	41	42			
OTHER: * _____	43	44			
					<b>REAR</b>
					WINDOW
					WINDOW HEADER
					<b>CONSOLES</b>
					VERTICAL
					ROOF











\* MORE THAN ONE ITEM MAY BE NOTED.



SEATS ST-2			
<b>FRONT SEAT ADJUSTMENT</b> <b>SEAT ADJUSTMENT TYPE</b> (0) NONE (RIGID) (1) MANUAL (2) POWER (7) OTHER: _____ (8) NOT APPLICABLE (NO SEAT) (9) UNKNOWN  <b>ADJUSTMENT PROVIDED</b> (1) 2-WAY (2) 4-WAY (3) 6-WAY (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN  <b>SEAT ADJUSTER DAMAGE</b> (0) NONE (1) CHUCKING (FREE PLAY) (2) DEFORMED (RELEASED/JAMMED) (3) SEPARATED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN  <b>SEAT ADJUSTER SEPARATION</b> (0) NONE (1) SEPARATED AT FLOOR (2) SEPARATION OF ADJUSTER (3) SEPARATED AT SEAT (8) NOT APPLICABLE (9) UNKNOWN  <b>PRE-CRASH POSITION</b> (1) FORWARD (2) MIDDLE (3) REARWARD (8) NOT APPLICABLE (9) UNKNOWN	<b>DRIVER</b>  1 46  2 48  ① 50  8 52  3 54	<b>PASSENGER</b>  1 47  2 49  ① 51  8 53  3 55	<b>SECOND SEAT (CONT.)</b>  <b>CENTER ARMREST DAMAGED</b> (0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (NO CENTER ARMREST) (9) UNKNOWN IF EQUIPPED  8 60  <b>SECOND SEAT-BACK</b>  <b>LOCKS</b>  <b>FOR THE FOLLOWING, USE:</b> (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN LEFT OR CENTER, EQUIPPED LEFT OR CENTER, HELD (3) SEAT FOLDED DOWN RIGHT, EQUIPPED RIGHT, HELD (3) SEAT FOLDED DOWN  LEFT ① 61 8 63 ① 65 8 67  RIGHT ① 62 8 64 ① 66 8 68
<b>SECOND SEAT</b> <b>TYPE OF SECOND SEAT</b> (0) NONE (1) NON-FOLDING (2) FOLDING (3) CAPTAIN'S CHAIR (4) JUMP SEAT (5) INTEGRAL CHILD SEAT (6) LUGGAGE AREA ACCESS PANEL (9) UNKNOWN  <b>SECOND SEAT DAMAGE</b> (0) NONE (1) BACKREST ONLY (DAMAGED OR LOOSENED) (2) CUSHION ONLY (DAMAGED OR LOOSENED) (3) BACKREST & CUSHION (DAMAGED OR LOOSENED) (4) INTEGRAL CHILD SEAT (PRIORITY CODE) (5) LUGGAGE AREA ACCESS PANEL (DAMAGED OR LOOSENED) (8) NOT APPLICABLE (9) UNKNOWN	<b>LEFT</b>  1 56  ① 58	<b>RIGHT</b>  1 57  ① 59	<b>THIRD SEAT</b>  EQUIPPED BACKREST DAMAGED CUSHION DAMAGED  ① 69 8 71 8 73  ① 70 8 72 8 74  <b>VEHICLE EQUIPPED WITH            REAR HEAD RESTRAINTS</b> (0) NOT EQUIPPED (OR REMOVED) (1) EQUIPPED (2) EQUIPPED & DAMAGED (8) NOT APPLICABLE (NO REAR SEAT) (9) UNKNOWN  ① 75  <i>Applies to any rear-seat position</i>

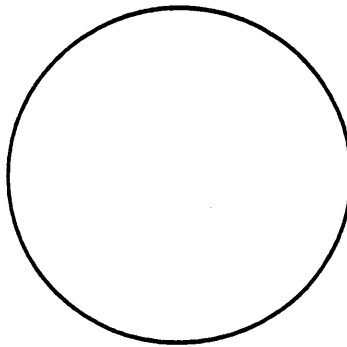
Duplicate columns 1-8  
from the previous card.Module A B Format 0 1  
9 10 11 12

AIRBAG AB-1

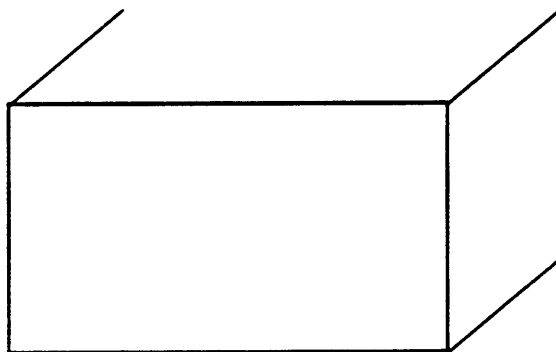
<p style="text-align: center;"><b>DRIVER SIDE</b></p> <p><b>LOCATION OF AIRBAG</b></p> <p><b>STEERING WHEEL</b></p> <p><b>EQUIPPED</b></p> <p>(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p><b>DEPLOYED</b></p> <p>(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	 13   14	<p style="text-align: center;"><b>PASSENGER SIDE</b></p> <p><b>LOCATION OF AIRBAG</b></p> <p><b>INSTRUMENT PANEL (GLOVE BOX)</b></p> <p><b>EQUIPPED</b></p> <p>(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p><b>DEPLOYED</b></p> <p>(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	 16   17
<p><b>CONDITION OF AIRBAG</b></p> <p><b>STEERING WHEEL</b></p> <p>(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION</p>	 15	<p><b>CONDITION OF AIRBAG</b></p> <p><b>INSTRUMENT PANEL (GLOVE BOX)</b></p> <p>(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION</p>	 18
<p style="text-align: center;"><b>DRIVER SIDE</b></p> <p><b>AIRBAG</b></p> <p><b>STEERING WHEEL</b></p> <p><b>TETHER</b></p> <p>(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p><b>MARKED BY CONTACT</b></p> <p>(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	 19   20	<p style="text-align: center;"><b>PASSENGER SIDE</b></p> <p><b>AIRBAG</b></p> <p><b>INSTRUMENT PANEL (GLOVE BOX)</b></p> <p><b>TETHER</b></p> <p>(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p><b>MARKED BY CONTACT</b></p> <p>(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	 21   22

AIRBAG AB-2

AIRBAG NUMBER ON DRIVER SIDE:

NOTE AND DESCRIBE ANY AIRBAG CONTACT OR  
DAMAGE ON DIAGRAM BELOW:NONE  
Apparent

AIRBAG NUMBER ON PASSENGER SIDE:

NOTE AND DESCRIBE ANY AIRBAG CONTACT OR  
DAMAGE ON DIAGRAM BELOW:None  
Apparent

NOTE TO THE INVESTIGATOR:

THE FOLLOWING TWO SECTIONS,  
OCCUPANT INFORMATION AND INJURY CLASSIFICATION,  
ARE TO BE FILLED IN  
FOR EACH CASE VEHICLE OCCUPANT,  
WHETHER INJURED OR NOT.

IF THERE IS MORE THAN ONE OCCUPANT,  
USE ADDITIONAL COPIES  
OF PAGES OC-1, OC-2, OC-3,  
AND IC-2 TO DESCRIBE THEM  
AND ATTACH THE COPIES TO THIS REPORT.



Duplicate columns 1-8  
from the previous card.Module 0 C Format 0 2  
9 10 11 12

## OCCUPANT INFORMATION OC-1

## OCCUPANT IDENTIFICATION

OCCUPANT NUMBER

01  
13 14

ROLE OF OCCUPANT AT 1ST IMPACT

- (1) MOTOR VEHICLE DRIVER  
(2) MOTOR VEHICLE PASSENGER  
(NOT DRIVER)  
(9) UNKNOWN

1  
15

## OCCUPANT POSITION

ROW LOCATION

- (1) FRONT  
(2) SECOND  
(3) THIRD  
(4) FOURTH  
(7) OTHER: \_\_\_\_\_  
(8) EXTERNAL TO PASSENGER  
COMPARTMENT (E.G. BED OF PICKUP)  
(9) UNKNOWN

1  
16

LATERAL LOCATION

- (1) LEFT  
(2) LEFT CENTER  
(3) CENTER  
(4) RIGHT CENTER  
(5) RIGHT  
(6) ALL (LYING ON SEAT)  
(8) EXTERNAL TO PASSENGER  
COMPARTMENT  
(9) UNKNOWN

1  
17

POSTURE

- (10) SITTING ON SEAT  
(11) SITTING ON SEAT IN ABNORMAL  
POSITION (E.G. FEET ON DASH,  
SIDEWAYS)  
(12) SITTING ON CONSOLE  
(20) ON LAP OR IN ARMS  
(30) STANDING ON SEAT  
(40) STANDING ON FLOOR  
(47) STANDING, EXTERNAL TO  
PASSENGER COMPARTMENT  
(50) IN BASSINET  
(60) IN CHILD SEAT  
(65) IN CHILD HARNESS  
(70) LYING ON SEAT  
(80) LYING/SITTING ON PASSENGER  
FLOOR  
(83) LYING/SITTING ON OTHER  
OBJECT IN PASSENGER  
COMPARTMENT: \_\_\_\_\_  
(85) ON CARGO FLOOR/FOLDED  
SEAT-BACK  
(87) LYING/SITTING, EXTERNAL TO  
PASSENGER COMPARTMENT  
(97) OTHER: \_\_\_\_\_  
(99) UNKNOWN

10  
18 19

## PHYSICAL DESCRIPTION

AGE IN YEARS

- (00) LESS THAN 1 YEAR  
(98) 98 YEARS OR OLDER  
(99) UNKNOWN

45  
20 21

AGE IN MONTHS

- (00) LESS THAN 1 MONTH  
(25) 25 MONTHS OR OLDER  
(99) UNKNOWN

25  
22 23

MASS (kg)

(999) UNKNOWN

089  
24 25 26

HEIGHT (cm)

(999) UNKNOWN

175  
27 28 29

SEX

- (1) MALE  
(2) FEMALE  
(9) UNKNOWN

1  
30

## MEDICAL CONDITIONS

TREATMENT/MORTALITY

- (00) NONE  
(01) FIRST AID AT SCENE  
(02) TREATED AT HOSPITAL/CLINIC  
BUT NOT ADMITTED  
(03) HOSPITALIZED FOR OBSERVATION  
LESS THAN 24 HOURS  
(04) HOSPITALIZED OVER 24 HOURS  
OR FOR SIGNIFICANT TREATMENT  
(05) FATAL, DEAD AT SCENE  
(06) FATAL, DOA  
(07) FATAL, DEAD WITHIN 24 HOURS  
(08) FATAL, DEAD 24 HOURS TO  
31 DAYS LATER  
(09) FATAL, DEAD 31 DAYS TO  
1 YEAR LATER  
(10) FATAL DEAD WITHIN UNKNOWN  
PERIOD  
(99) UNKNOWN

00  
31 32

INJURY SEVERITY SCORE (ISS)

(99) UNKNOWN

01  
33 34

NON-IMPACT MED. CONDITIONS

- (0) NONE  
(1) YES, TIME & TYPE UNKNOWN  
(2) PRE-CRASH FATAL (CLINICAL  
DEATH AT WHEEL)  
(3) PRE-CRASH NON-FATAL (E.G.  
PRIOR INJURY, STROKE)  
(4) PREGNANT  
(5) POST-CRASH FATAL (DROWNING)  
(6) POST-CRASH NON-FATAL INJURY  
(7) OTHER: \_\_\_\_\_  
(8) COMBINATION OF ABOVE  
(CIRCLE EACH)  
(9) UNKNOWN

0  
35

## OCCUPANT INFORMATION OC-2

## MEDICAL CONDITIONS (CONT.)

POLICE INJURY SEVERITY  
CODE FOR THIS OCCUPANT

- (0) O - NO INJURY  
 (1) C - POSSIBLE INJURY  
 (2) B - NON-INCAPACITATING  
 (3) A - INCAPACITATING INJURY  
 (4) K - FATAL  
 (5) INJURED, SEVERITY UNKNOWN  
 (6) DIED PRIOR TO IMPACT  
 (7) NON-FATAL INJURY,  
 SEVERITY UNKNOWN  
 (9) UNKNOWN

①  
36

## CHILD SEAT TYPE

- (00) NONE USED  
 (01) YES, USED  
 (02) INTEGRAL, Chrysler Mini-van  
 (88) NOT APPLICABLE  
 (ADULT OR OLDER CHILD)  
 (99) UNKNOWN

88  
41 42

## CHILD SEAT MAKE/MODEL

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## RESTRAINT SYSTEM

## ACTIVE RESTRAINT SYSTEM

- (0) NONE  
 (1) LAP BELT  
 (2) SHOULDER HARNESS ONLY  
 (3) BOTH LAP BELT &  
 SHOULDER HARNESS  
 (9) UNKNOWN

3  
37

## ACTIVE RESTRAINT SYSTEM USAGE

- (0) NONE (AVAILABLE BUT NOT USED)  
 (1) LAP BELT ONLY  
 (2) SHOULDER HARNESS ONLY  
 (3) BOTH LAP BELT &  
 SHOULDER HARNESS  
 (7) IMPROPER USAGE  
 (8) NOT APPLICABLE (NONE AVAILABLE)  
 (9) UNKNOWN

3  
38

## PASSIVE RESTRAINT SYSTEM

- (0) NONE  
 (1) AIRBAG INSTALLED  
 (2) PASSIVE UPPER TORSO  
 WITH KNEE BOLSTERS  
 (3) PASSIVE UPPER TORSO  
 WITHOUT KNEE BOLSTERS  
 (4) PASSIVE LAP & UPPER TORSO  
 (5) AIRBAG INSTALLED &  
 PASSIVE RESTRAINT  
 (7) OTHER: \_\_\_\_\_  
 (9) UNKNOWN

1  
39

## PASSIVE RESTRAINT SYSTEM USAGE

- (0) SYSTEM DEFEATED  
 (1) AIRBAG NOT DEPLOYED  
 (2) AIRBAG DEPLOYED  
 (3) AIRBAG NOT REINSTALLED  
 (4) PASSIVE UPPER TORSO USED  
 (5) PASSIVE LAP & UPPER TORSO USED  
 (6) SYSTEM USED IN MANUAL MODE  
 (7) IMPROPER USAGE  
 (8) NOT APPLICABLE (NOT ORIGINALLY  
 EQUIPPED)  
 (9) UNKNOWN

2  
40

## EJECTION

## DEGREE OF EJECTION

- (0) NONE  
 (1) PARTIAL  
 (2) COMPLETE  
 (7) EJECTED, DEGREE UNKNOWN  
 (9) UNKNOWN IF EJECTED

Q  
43

## AREA OF EJECTION

- (01) WINDOW, LEFT SIDE  
 (02) WINDOW, RIGHT SIDE  
 (03) WINDOW, REAR  
 (04) DOOR, LEFT SIDE  
 (05) DOOR, RIGHT SIDE  
 (06) DOOR, REAR OR TAILGATE  
 (07) WINDSHIELD  
 (08) ROOF OR OPEN CONVERTIBLE OR  
 FROM EXTERNAL AREA  
 (96) EJECTED AREA UNKNOWN  
 (97) OTHER AREA: \_\_\_\_\_  
 (98) NOT APPLICABLE (NOT EJECTED)  
 (99) UNKNOWN IF EJECTED

98  
44 45

IF OCCUPANT WAS EJECTED, DESCRIBE  
IN DETAIL BELOW:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## HEAD RESTRAINT

HEAD RESTRAINT AVAILABLE  
FOR THIS POSITION

- (0) NOT EQUIPPED OR REMOVED  
 (1) EQUIPPED  
 (9) UNKNOWN

1  
46

## OCCUPANT INFORMATION OC-3

## OCCUPANT EYEWEAR

- (0) NONE
- (1) GLASSES
- (2) CONTACTS
- (3) BOTH GLASSES AND CONTACTS
- (4) OTHER \_\_\_\_\_
- (8) NOT APPLICABLE
- (9) UNKNOWN

1  
47

## SOURCE OF INFORMATION

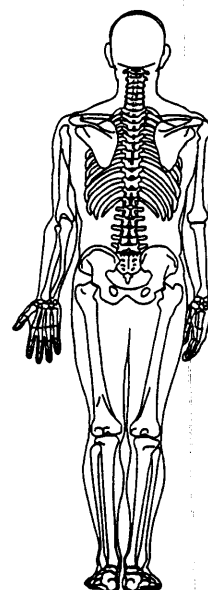
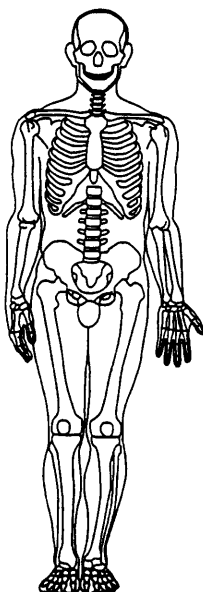
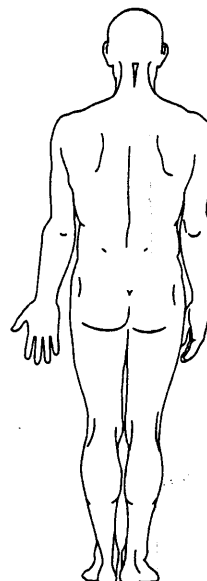
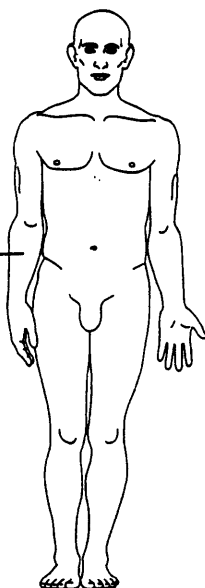
- (0) INTERVIEW
- (1) HOSPITAL
- (2) AUTOPSY
- (3) POLICE
- (4) OTHER \_\_\_\_\_
- (5) LAY CORONER/EXTERNAL EXAM
- (7) COMBINATION OF ABOVE (CIRCLE)
- (8) NOT APPLICABLE
- (9) UNKNOWN

0  
48

## OCCUPANT INFORMATION OC-4

INDICATE LOCATION OF INJURIES.

Laceration to  
right forearm  
(1)



## INJURY CLASSIFICATION IC-1

**NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.**

## OCCUPANT INJURY CLASSIFICATION

[illegible]

**NOTE: USE ADDITIONAL PAGES IF NECESSARY.**

## INJURY CLASSIFICATION IC-2

## CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

## FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (*SPECIFIC AREA UNKNOWN*)
- (54) UPPER INSTRUMENT PANEL (X)
- (55) MIDDLE INSTRUMENT PANEL (Y)
- (56) LOWER INSTRUMENT PANEL (Z)
- (81) ASH TRAY (*INSTRUMENT PANEL*)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (09) STEERING ASSEMBLY (*SPECIFIC AREA UNKNOWN*)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (*SPECIFIC AREA UNKNOWN*)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (*FRONT*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (*BUILT IN*)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

## REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

## INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (*LOCATION UNK.*)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (*LOCATION UNKNOWN*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (*AIRBAG*)
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (*FROM ANY SOURCE*)
- (41) UNKNOWN INTERIOR SURFACE

## SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (*SIDE*)
- (21) WINDOW FRAMES (*SIDE*)
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

## FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (91) KICKPANEL

## ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

## EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (*SPECIFIC AREA UNKNOWN*)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

## BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (*SPECIFIC AREA UNK.*)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (*NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.*)

## PENETRATING OBJECTS

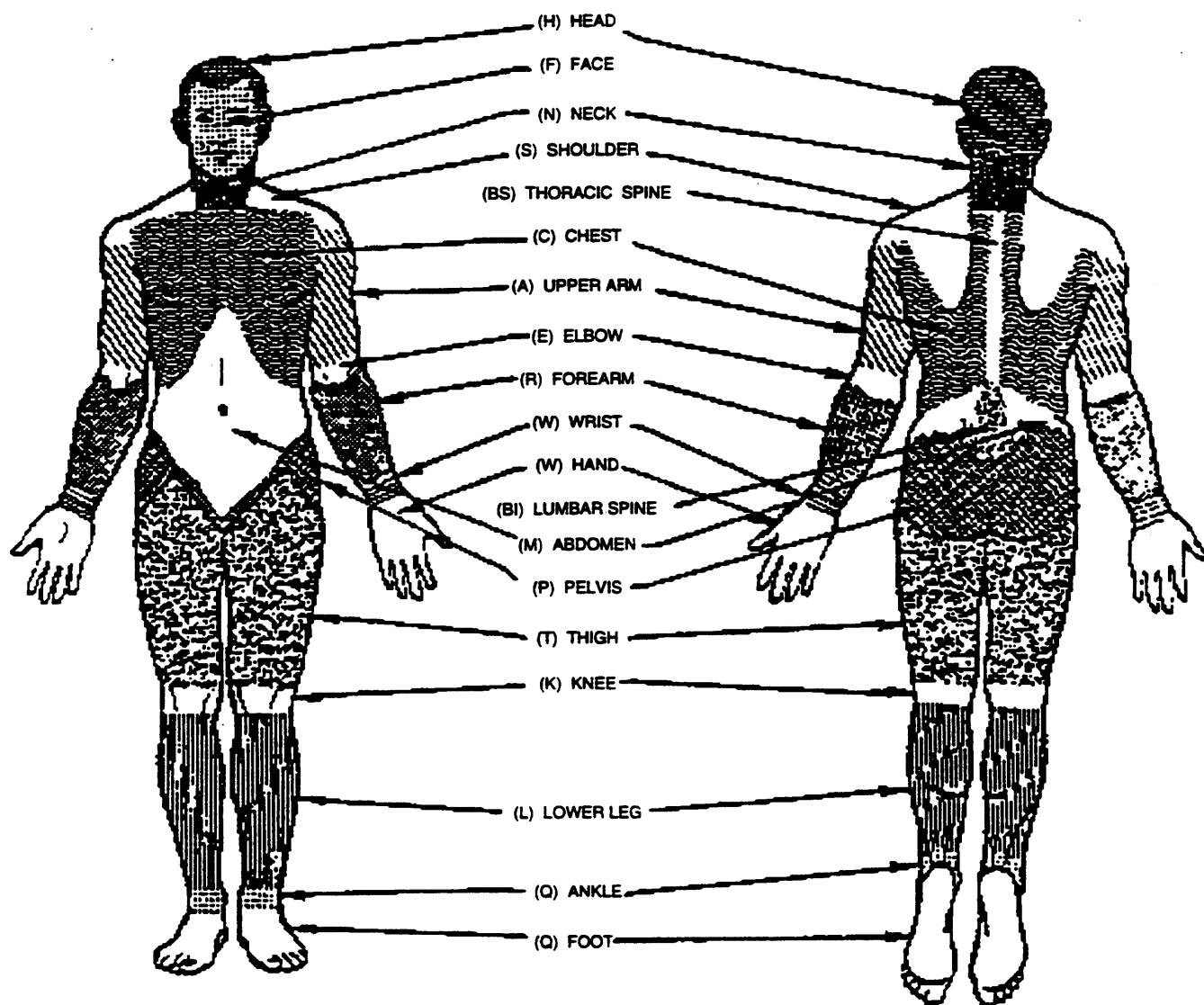
- (61) OTHER VEHICLE
- (72) OBJECTS (*DESCRIBE*)

## MISCELLANEOUS

- (00) NO CONTACT (*INVALID FIELD FORM CODE*)
- (38) OTHER (*E.G. FIRE. DESCRIBE*)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

## INJURY CLASSIFICATION IC-3

THE FIGURE BELOW  
IS AN EXPLANATION OF THE BODY REGION CODES  
LISTED ON PAGE IC - 4.



## INJURY CLASSIFICATION IC-4

## CODES FOR OCCUPANT INJURY CLASSIFICATION (OIC)

**1 BODY REGION**

(H) HEAD/SKULL  
 (F) FACE  
 (N) NECK  
 (S) SHOULDER  
 (X) UPPER EXTREMITIES  
 (A) ARM (*UPPER*)  
 (E) ELBOW  
 (R) FOREARM  
 (W) WRIST/HAND  
 (C) CHEST  
 (M) ABDOMEN  
 (B) BACK  
 (P) PELVIC/HIP  
 (Y) LOWER EXTREMITIES  
 (T) THIGH  
 (K) KNEE  
 (L) LEG (*LOWER*)  
 (Q) ANKLE/FOOT  
 (O) WHOLE BODY  
 (U) UNKNOWN

**3 LESION**

(L) LACERATION  
 (C) CONTUSION  
 (A) ABRASION  
 (F) FRACTURE  
 (P) PERFORATION,  
 PUNCTURE  
 (K) CONCUSSION  
 (V) AVULSION  
 (R) RUPTURE  
 (S) SPRAIN  
 (D) DISLOCATION  
 (N) CRUSH  
 (M) AMPUTATION  
 (B) BURN  
 (G) DETACHMENT,  
 SEPARATION  
 (Z) FRACTURE AND  
 DISLOCATION  
 (T) STRAIN  
 (E) TOTAL SEVERANCE,  
 TRANSECTION  
 (O) OTHER  
 (U) UNKNOWN

**4 SYSTEM/ORGAN**

(S) SKELETAL  
 (V) VERTEBRAE  
 (J) JOINTS  
 (D) DIGESTIVE  
 (L) LIVER  
 (N) NERVOUS SYSTEM  
 (B) BRAIN  
 (C) SPINAL CORD  
 (E) EARS  
 (O) EYES  
 (A) ARTERIES  
 (H) HEART  
 (Q) SPLEEN  
 (G) UROGENITAL  
 (K) KIDNEYS  
 (R) RESPIRATORY  
 (P) PULMONARY/LUNGS  
 (M) MUSCLES  
 (T) THYROID, OTHER  
 ENDOCRINE GLAND  
 (I) INTEGUMENTARY (*SKIN*)  
 (W) ALL SYSTEMS IN REGION  
 (U) UNKNOWN

**2 ASPECT**

(R) RIGHT  
 (L) LEFT  
 (B) BILATERAL  
 (C) CENTRAL  
 (A) ANTERIOR/FRONT  
 (P) POSTERIOR/BACK  
 (S) SUPERIOR/UPPER  
 (I) INFERIOR/LOWER  
 (W) WHOLE REGION  
 (U) UNKNOWN

BODY REGION	ASPECT	LESION	SYSTEM/ORGAN	SEVERITY
1	2	3	4	5

**5 SEVERITY**  
(OR "AIS", ABBREVIATED INJURY SCALE)

(0) NONE  
 (1) MINOR  
 (2) MODERATE  
 (3) SERIOUS  
 (4) SEVERE  
 (5) CRITICAL  
 (6) MAXIMUM  
 (9) UNKNOWN



Duplicate columns 1-8  
from the previous card.Module 0 0 Format 0 2  
9 10 11 12

## OCCUPANT INFORMATION OC-1

<b>OCCUPANT IDENTIFICATION</b>  OCCUPANT NUMBER <u>02</u> <small>13 14</small>  ROLE OF OCCUPANT AT 1ST IMPACT <u>2</u> <small>15</small> (1) MOTOR VEHICLE DRIVER (2) MOTOR VEHICLE PASSENGER (NOT DRIVER) (9) UNKNOWN		<b>PHYSICAL DESCRIPTION</b>  AGE IN YEARS <u>43</u> <small>(00) LESS THAN 1 YEAR (98) 98 YEARS OR OLDER (99) UNKNOWN</small> <small>20 21</small>  AGE IN MONTHS <u>25</u> <small>(00) LESS THAN 1 MONTH (25) 25 MONTHS OR OLDER (99) UNKNOWN</small> <small>22 23</small>  MASS (kg) <u>080</u> <small>(999) UNKNOWN</small> <small>24 25 26</small>  HEIGHT (cm) <u>165</u> <small>(999) UNKNOWN</small> <small>27 28 29</small>  SEX <u>2</u> <small>(1) MALE (2) FEMALE (9) UNKNOWN</small> <small>30</small>	
<b>OCCUPANT POSITION</b>  ROW LOCATION <u>1</u> <small>(1) FRONT (2) SECOND (3) THIRD (4) FOURTH (7) OTHER: _____ (8) EXTERNAL TO PASSENGER COMPARTMENT (E.G. BED OF PICKUP) (9) UNKNOWN</small> <small>16</small>  LATERAL LOCATION <u>5</u> <small>(1) LEFT (2) LEFT CENTER (3) CENTER (4) RIGHT CENTER (5) RIGHT (6) ALL (LYING ON SEAT) (8) EXTERNAL TO PASSENGER COMPARTMENT (9) UNKNOWN</small> <small>17</small>  POSTURE <u>10</u> <small>(10) SITTING ON SEAT (11) SITTING ON SEAT IN ABNORMAL POSITION (E.G. FEET ON DASH, SIDEWAYS) (12) SITTING ON CONSOLE (20) ON LAP OR IN ARMS (30) STANDING ON SEAT (40) STANDING ON FLOOR (47) STANDING, EXTERNAL TO PASSENGER COMPARTMENT (50) IN BASSINET (60) IN CHILD SEAT (65) IN CHILD HARNESS (70) LYING ON SEAT (80) LYING/SITTING ON PASSENGER FLOOR (83) LYING/SITTING ON OTHER OBJECT IN PASSENGER COMPARTMENT: _____ (85) ON CARGO FLOOR/FOLDED SEAT-BACK (87) LYING/SITTING, EXTERNAL TO PASSENGER COMPARTMENT (97) OTHER: _____ (99) UNKNOWN</small> <small>18 19</small>		<b>MEDICAL CONDITIONS</b>  TREATMENT/MORTALITY <u>00</u> <small>(00) NONE (01) FIRST AID AT SCENE (02) TREATED AT HOSPITAL/CLINIC BUT NOT ADMITTED (03) HOSPITALIZED FOR OBSERVATION LESS THAN 24 HOURS (04) HOSPITALIZED OVER 24 HOURS OR FOR SIGNIFICANT TREATMENT (05) FATAL, DEAD AT SCENE (06) FATAL, DOA (07) FATAL, DEAD WITHIN 24 HOURS (08) FATAL, DEAD 24 HOURS TO 31 DAYS LATER (09) FATAL, DEAD 31 DAYS TO 1 YEAR LATER (10) FATAL DEAD WITHIN UNKNOWN PERIOD (99) UNKNOWN</small> <small>31 32</small>  INJURY SEVERITY SCORE (ISS) <u>01</u> <small>(99) UNKNOWN</small> <small>33 34</small>  NON-IMPACT MED. CONDITIONS <u>0</u> <small>(0) NONE (1) YES, TIME &amp; TYPE UNKNOWN (2) PRE-CRASH FATAL (CLINICAL DEATH AT WHEEL) (3) PRE-CRASH NON-FATAL (E.G. PRIOR INJURY, STROKE) (4) PREGNANT (5) POST-CRASH FATAL (DROWNING) (6) POST-CRASH NON-FATAL INJURY (7) OTHER: _____ (8) COMBINATION OF ABOVE (CIRCLE EACH) (9) UNKNOWN</small> <small>35</small>	

## MEDICAL CONDITIONS (CONT.)

POLICE INJURY SEVERITY  
CODE FOR THIS OCCUPANT

- (0) O - NO INJURY  
 (1) C - POSSIBLE INJURY  
 (2) B - NON-INCAPACITATING  
 (3) A - INCAPACITATING INJURY  
 (4) K - FATAL  
 (5) INJURED, SEVERITY UNKNOWN  
 (6) DIED PRIOR TO IMPACT  
 (7) NON-FATAL INJURY,  
 SEVERITY UNKNOWN  
 (9) UNKNOWN

1  
36

## CHILD SEAT TYPE

- (00) NONE USED  
 (01) YES, USED  
 (02) INTEGRAL, Chrysler Mini-van  
 (88) NOT APPLICABLE  
 (ADULT OR OLDER CHILD)  
 (99) UNKNOWN

88  
41 42

## CHILD SEAT MAKE/MODEL

## RESTRAINT SYSTEM

## ACTIVE RESTRAINT SYSTEM

- (0) NONE  
 (1) LAP BELT  
 (2) SHOULDER HARNESS ONLY  
 (3) BOTH LAP BELT &  
 SHOULDER HARNESS  
 (9) UNKNOWN

3  
37

## ACTIVE RESTRAINT SYSTEM USAGE

- (0) NONE (AVAILABLE BUT NOT USED)  
 (1) LAP BELT ONLY  
 (2) SHOULDER HARNESS ONLY  
 (3) BOTH LAP BELT &  
 SHOULDER HARNESS  
 (7) IMPROPER USAGE  
 (8) NOT APPLICABLE (NONE AVAILABLE)  
 (9) UNKNOWN

3  
38

## PASSIVE RESTRAINT SYSTEM

- (0) NONE  
 (1) AIRBAG INSTALLED  
 (2) PASSIVE UPPER TORSO  
 WITH KNEE BOLSTERS  
 (3) PASSIVE UPPER TORSO  
 WITHOUT KNEE BOLSTERS  
 (4) PASSIVE LAP & UPPER TORSO  
 (5) AIRBAG INSTALLED &  
 PASSIVE RESTRAINT  
 (7) OTHER: \_\_\_\_\_  
 (9) UNKNOWN

1  
39

## PASSIVE RESTRAINT SYSTEM USAGE

- (0) SYSTEM DEFEATED  
 (1) AIRBAG NOT DEPLOYED  
 (2) AIRBAG DEPLOYED  
 (3) AIRBAG NOT REINSTALLED  
 (4) PASSIVE UPPER TORSO USED  
 (5) PASSIVE LAP & UPPER TORSO USED  
 (6) SYSTEM USED IN MANUAL MODE  
 (7) IMPROPER USAGE  
 (8) NOT APPLICABLE (NOT ORIGINALLY  
 EQUIPPED)  
 (9) UNKNOWN

2  
40

## EJECTION

## DEGREE OF EJECTION

- (0) NONE  
 (1) PARTIAL  
 (2) COMPLETE  
 (7) EJECTED, DEGREE UNKNOWN  
 (9) UNKNOWN IF EJECTED

0  
43

## AREA OF EJECTION

- (01) WINDOW, LEFT SIDE  
 (02) WINDOW, RIGHT SIDE  
 (03) WINDOW, REAR  
 (04) DOOR, LEFT SIDE  
 (05) DOOR, RIGHT SIDE  
 (06) DOOR, REAR OR TAILGATE  
 (07) WINDSHIELD  
 (08) ROOF OR OPEN CONVERTIBLE OR  
 FROM EXTERNAL AREA  
 (96) EJECTED AREA UNKNOWN  
 (97) OTHER AREA: \_\_\_\_\_  
 (98) NOT APPLICABLE (NOT EJECTED)  
 (99) UNKNOWN IF EJECTED

98  
44 45

IF OCCUPANT WAS EJECTED, DESCRIBE  
 IN DETAIL BELOW:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## HEAD RESTRAINT

HEAD RESTRAINT AVAILABLE  
FOR THIS POSITION

- (0) NOT EQUIPPED OR REMOVED  
 (1) EQUIPPED  
 (9) UNKNOWN

1  
46

# OCCUPANT INFORMATION OC-3

## OCCUPANT EYEWEAR

- (0) NONE
- (1) GLASSES
- (2) CONTACTS
- (3) BOTH GLASSES AND CONTACTS
- (4) OTHER \_\_\_\_\_
- (8) NOT APPLICABLE
- (9) UNKNOWN

1  
47

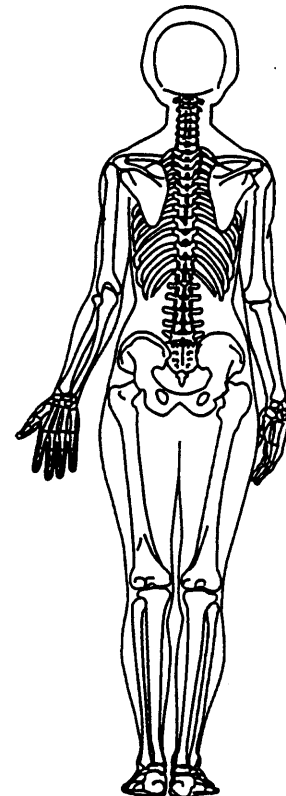
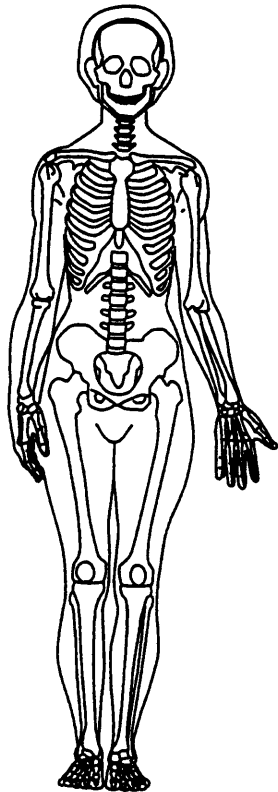
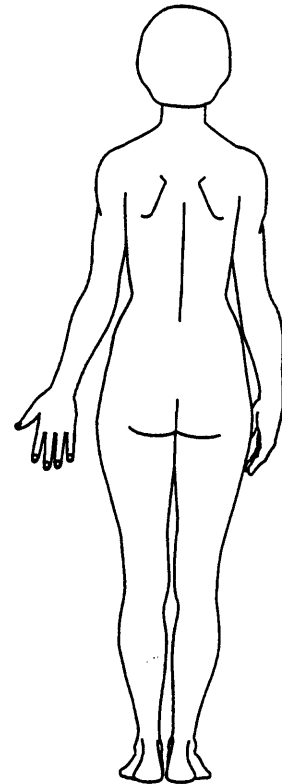
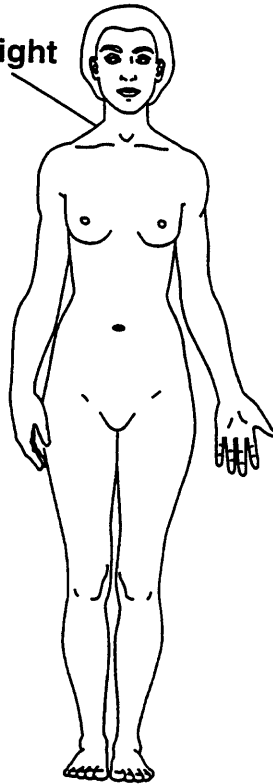
## SOURCE OF INFORMATION

- (0) INTERVIEW
- (1) HOSPITAL
- (2) AUTOSPY
- (3) POLICE
- (4) OTHER \_\_\_\_\_
- (7) COMBINATION OF ABOVE (CIRCLE)
- (8) NOT APPLICABLE
- (9) UNKNOWN

0  
48

INDICATE LOCATION OF INJURIES.

Laceration right  
neck (1)



INJURY CLASSIFICATION IC-1

**NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.**

## OCCUPANT INJURY CLASSIFICATION

[illegible]

**NOTE: USE ADDITIONAL PAGES IF NECESSARY.**

## CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

## FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (*SPECIFIC AREA UNKNOWN*)
- (54) UPPER INSTRUMENT PANEL (X)
- (55) MIDDLE INSTRUMENT PANEL (Y)
- (56) LOWER INSTRUMENT PANEL (Z)
- (81) ASH TRAY (*INSTRUMENT PANEL*)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (09) STEERING ASSEMBLY (*SPECIFIC AREA UNKNOWN*)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (*SPECIFIC AREA UNKNOWN*)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (*FRONT*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (*BUILT IN*)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

## REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

## INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (*LOCATION UNK.*)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (*LOCATION UNKNOWN*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (*AIRBAG*)
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (48) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (*FROM ANY SOURCE*)
- (41) UNKNOWN INTERIOR SURFACE

## SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (*SIDE*)
- (21) WINDOW FRAMES (*SIDE*)
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

## FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (91) KICKPANEL

## ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

## EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (*SPECIFIC AREA UNKNOWN*)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

## BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (*SPECIFIC AREA UNK.*)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (*NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.*)

## PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (*DESCRIBE*)

## MISCELLANEOUS

- (00) NO CONTACT (*INVALID FIELD FORM CODE*)
- (38) OTHER (*E.G. FIRE. DESCRIBE*)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

Case No.: UM-3723-98  
Case Veh.: (A) 1988 Chevrolet  
Type: Collision, 4-Door sedan  
Driver: 88-year-old male  
Vehicle ID: 1988 Ford B-150

Light Conditions: Daylight  
Weather: Clear  
Road Surface: Dry  
Road Construction: Asphalt



North

Paved



Paved

Posted 45 mph



PN 3723-98 #2





PN 3723-98 #3



PN 3723-98 #4



PN 3723-98 #5



PN 3723-98 #6



PN 3723-98 #7



**PN3723-08 #8**  
**Best Available**



PN 3723-98 #9



PN 3723-98 #10  
Best Available





**PN 3723-98 #11**  
**Best Available**



PN 3723-98 #12  
Best Available



PN 3723-98 #13  
Best Available





PN3723-98 #15  
Best Available



PN3723-98 #16



PN 3723-98 #17



PN3723-98 #18





PN3723-98 #19



PN 3723-98 #20



PN 3723-98 #21

CASE NO. UM-8723-98

CASE VEHICLE: 1988 Chevrolet

TYPE: Cavalier, 4-door sedan

OCCUPANT: (Driver) 46-year-old male

STATURE: 178-cm (5 ft 10 in)      MASS: 80 kg (176 lbs)

RESTRAINTS: 2-point restrained seat; airbag deployed

SEVERITY: MAJ - 1      MOD - 1



CASE NO.: 08A-0723-00

CASE VEHICLE: 1998 Chevrolet

TYPE: Casualty, 4-door sedan

OCCUPANT: (Right Front) 43-year-old female

STATURE: 160 cm (5' 3" 0 in)      MASS: 60 kg (132 lb)

RESTRAINTS: 3-point restrained worn; airbag deployed

SEVERITY: MAIS - 1      AIS - 1

